1984 STATISTICAL PROFILE OF IOWA

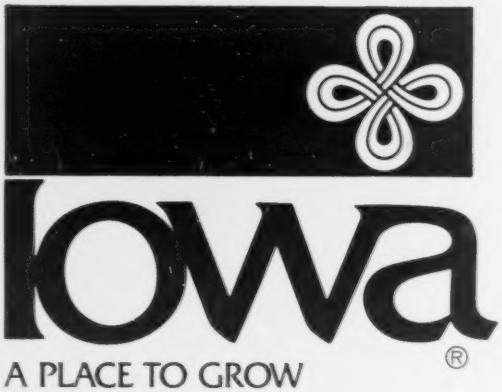
-3/6/84 S2780-1(u) A

IOWA®

IOWA DEVELOPMENT COMMISSION

How many of these quick facts about Iowa do you know?

- Iowa industry generates about three times as much total revenue as Iowa agriculture.
- Among the fifty states, Iowa ranks 27th in population and 25th in land area.
- The median age of Iowans is 30.
- Iowa has more miles of road than 40 other states, even though it's only twenty-fifth in area.
- Iowa farmers produced more than $10 billion in crops and livestock in 1982.
- The violent crime rate in Iowa is only 31% of the national average.
- 125 of Fortune magazine's "Top 500" companies have manufacturing plants in Iowa.
- Iowa has more airports than 37 other states. You cannot drive more than 30 minutes in any direction in Iowa without finding an airport suitable for a company jet.
- There are 3,099 registered aircraft in Iowa.
- The adjusted expenses per in-patient day in Iowa are 20.6% below the national average.
- The latest census determined that Iowa's population numbers 2,913,808.
- In 1982 the largest source of personal income for Iowans was manufacturing, followed by wholesale retail trade, services and government.
- In 1983 Iowa ranked first in production of corn and soybeans.
- The assets of Iowa's 36 home-based life insurance companies are more than $15 billion.
- One out of seven jobs in Iowa's manufacturing sector are directly or indirectly related to exports.
- Almost a million pheasants were harvested in Iowa during 1982.
- Of Iowa's total population, 77.6% were born here.
- More than 75% of Iowa's commodities are transported via motor freight carriers.
- Iowa has over 1.5 million acres of forest land.
- 27% of America's pork and 12% of the nation's grain-fed beef are raised in Iowa.
- Total Iowa exports have increased five times since 1970 from $1.10 billion to $5.54 billion.
- Iowa ranks third in the United States in the value of gypsum produced.
- 84.6% of Iowa's 17 and 18-year-olds graduate from high school, as compared to a national average of 72%.



1984
STATISTICAL PROFILE OF IOWA

Prepared by
IOWA DEVELOPMENT COMMISSION
600 East Court Avenue
Des Moines, Iowa 50309

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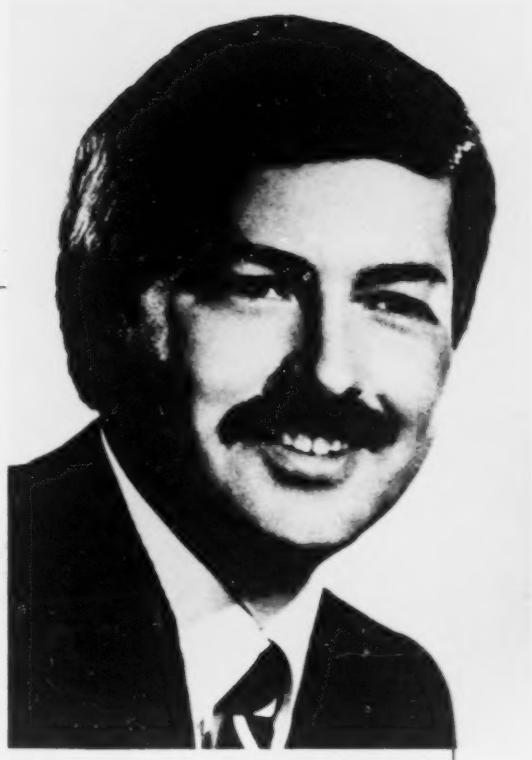

Office of the Governor

STATE CAPITOL
DES MOINES, IOWA 50319

Dear Friends,

Iowans have many good reasons to be proud. Did you know that:

*Iowa farmers produce enough to feed 279 people, more than three times the food producing capability of the average U.S. farmer.

*Iowa workers are 17% more efficient than the national average. The typical Iowan employed in manufacturing produces $7,400 more value per year than his/her average counterpart throughout America.

*Iowa has 19,000 miles of interior fishing streams. It's a sportsman's paradise.

*Iowa ranks number three in per capita exports. Iowa commodities and products can be found in every corner of the world.

*Iowa has one of the lowest violent crime rates in the nation, ranking 43 out of the 50 states.

*Iowa's per capita debt is the nation's second lowest. Iowa's future is not mortgaged. Revenue can be used for business and people rather than paying interest.

*Iowa is an ideal distribution point. Open port warehousing in Iowa saves tax dollars.

*Iowa high school students' average on the Scholastic Aptitude Test (SAT) was one of the highest in the nation.

Add to these impressive facts a well educated work force, a favorable tax structure and a government that's aggressively pursuing economic development. The Iowa life-style is both stimulating and supportive of old-fashioned American values.

We are anxious to spread the word about Iowa. Let this book be your introduction, then come find out for yourself. As Meredith Willson said in The Music Man, "You really ought to give Iowa a try."

Sincerely,

Terry E. Branstad

Terry E. Branstad
Governor

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definitions

Standard Metropolitan Statistical Area: An Iowa SMSA is a county or group of contiguous counties which contains at least one city of at least 50,000 inhabitants or "twin cities" with a combined population of at least 50,000. Contiguous counties are included in an SMSA if, according to certain Census Bureau criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city.

Cedar Rapids (Linn County)

Davenport-Rock Island-Moline, Iowa-Illinois
(Scott County, Iowa; Henry County, Illinois; Rock Island County, Illinois)

Des Moines (Polk County prior to release of 1972 Census information, beginning with 1972 Census information Warren County is included as part of the Des Moines SMSA)

Dubuque (Dubuque County)

Iowa City (Johnson County)

Omaha, Nebraska-Iowa
(Douglas County, Nebraska; Sarpy County, Nebraska; Pottawattamie County, Iowa)

Sioux City, Iowa-Nebraska
(Woodbury County, Iowa; Dakota County, Nebraska)

Waterloo (Black Hawk County)

Urbanized Area: An urbanized area consists of a central city, or cities, including the closely surrounding settled territory that is urban in character, but excluding the rural portions of extended cities. Criteria for an urbanized area is as follows: a central city or cities of 50,000 or more inhabitants, incorporated places of 2,500 inhabitants, provided that the place has a closely settled area of 100 or more housing units, small areas of land having a density of 1,000 or more inhabitants per square mile, and certain other similar small areas.

The definition of Urban Population was changed in 1950; therefore, data for Urban and Rural Population after 1950 is not strictly comparable to earlier years. Current urban population comprises all persons living in urbanized areas and in places of 2,500 inhabitants outside of urbanized areas. Rural population is all population not classifed as urban.

Incorporated Place: A political unit incorporated as a city, town, borough, or village usually recognized as a thickly settled center of population. Population changes may reflect annexations or detachments as well as the changes in number of inhabitants.

Unincorporated Places: A delineated boundary for closely settled population centers without corporate limits. A place having the same name in 1970 as in previous periods may not necessarily have the same boundary.

The Midwest: A regional area encompassing Iowa, Minnesota, South Dakota, Nebraska, Kansas, Missouri, Illinois and Wisconsin.

Iowa's 16 multi-county program planning areas.

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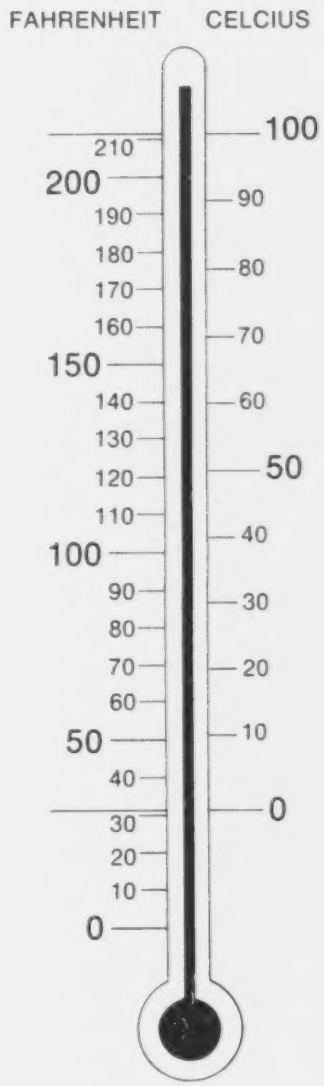
metric conversion table

In the metric system, temperature is measured in degrees Celsius. Water freezes at 0 degrees Celsius and boils at 100 degrees Celsius.

If the temperature outside were 20 degrees Fahrenheit, you'd need to wear a heavy winter coat, but 20 degrees Celsius is good corn planting weather. Normal body temperature is 37 degrees Celsius or 98.6 degrees Fahrenheit.

Degrees Celsius = $5/9 \times$ (Degrees Fahrenheit $- 32$)

Degrees Fahrenheit = $9/5 \times C^{\circ} + 32$



Length

to Metric	from Metric
1 inch = 2.54 centimeters	1 millimeter = 0.039 inch
1 foot = 0.3048 meter	1 centimeter = 0.3937 inch
1 yard = 0.9144 meter	1 meter = 3.281 feet
1 mile = 1.6093 kilometers	1 kilometer = 0.6214 mile

Weight

1 ounce = 28.35 grams	1 gram = 0.0353 ounce
1 pound = 0.4536 kilogram	1 kilogram = 2.205 pounds
1 short ton = 0.9072 metric ton	1 metric ton = 1.1023 short tons

Volume

1 cubic inch = 16.39 milliliters	1 milliliter = 0.06 cubic inch
1 quart = 0.9463 liter	1 liter = 1.0567 quarts
1 gallon = 3.785 liters	1 cubic meter = 1.308 cubic yards
1 cubic yard = 0.7646 cubic meter	1 hectare = 2.47 acres
1 acre = 0.405 hectare	

In other words:

- the length of an average kernel of field corn is approximately 1 centimeter.
- the diameter of the wire in a paper clip is approximately 1 millimeter.
- when you're traveling 55 mph, you're also traveling at 88 kilometers/h.
- three kernels of corn equal 1 gram (454 grams equal 1 pound).
- a 1,100 pound steer equals a 500 kilogram steer.
- a 220 pound market hog also weighs 100 kilograms.
- approximately 40 bushels of corn are equal to 1 metric ton.
- a yield of 159 bushels of corn per acre is equal to a yield of 10 metric tons per hectare.

Iowa farming outproduces the rest

Iowa farmers produced more than $10 billion in crops and livestock in 1982—27% of America's pork and 11% of the nation's grain fed beef in 1982.

Iowa ranked first in corn production (1.59 billion bushels) and second in soybean production (321 million bushels) in 1982.

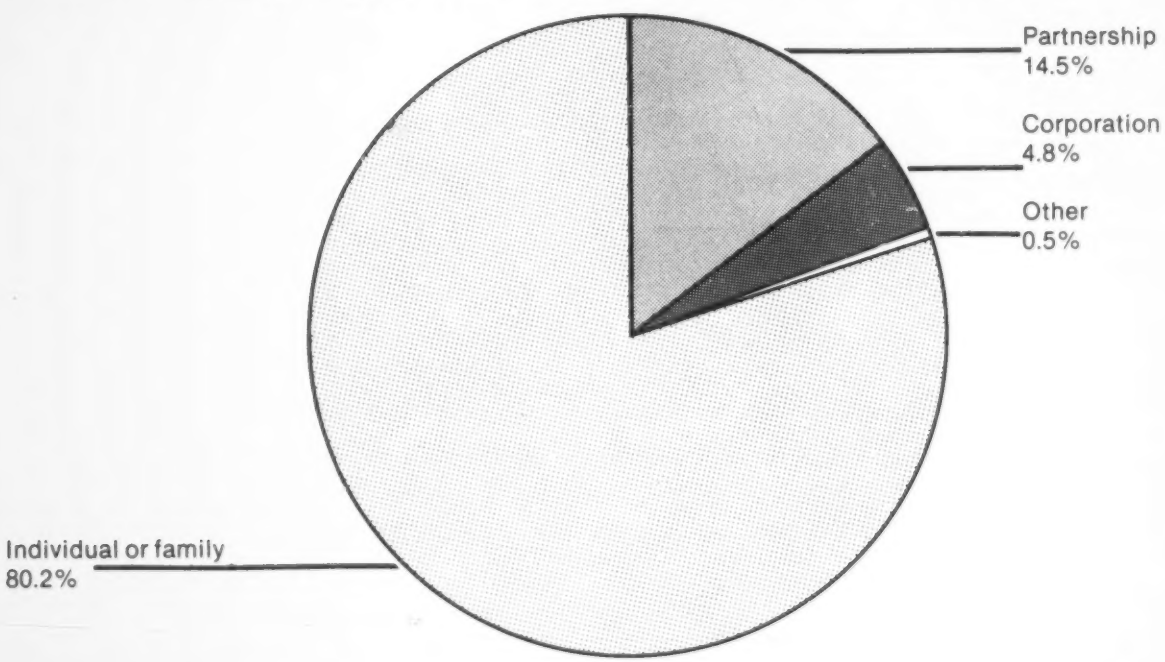
Iowa is truly the heartland of American agriculture.

characteristics of Iowa farmers

Operators by age group	1969	1974	1978
Under 25 years	3,600	4,280	7,104
25 to 34 years	18,734	15,835	20,930
35 to 44 years	31,235	24,153	24,753
45 to 54 years	39,255	33,668	30,983
55 to 64 years	33,543	31,404	29,596
65 years and over	14,347	15,355	13,090
Average age	48.5	49.3	47.2

Source: 1978 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.

Iowa farms by type of organization, 1978



Source: 1978 Census of Agriculture, U.S. Department of Commerce, Bureau of the Census.

realized gross and net income from farming, Iowa (millions)

Year	Realized Gross Income					Farm Production Expenses	Realized Net Farm Income	Net Change In Farm Inventories	Total Net Farm Income
	Cash Receipts From Farm Marketings	Government Payments	Non-money Income	Other Farm Income	Realized Gross Farm Income				
1960	$ 2,480.8	$ 20.8	$132.3	$ 11.8	$ 2,645.6	$ 1,943.4	$ 702.2	-89.8	$ 612.4
1965	3,061.1	228.8	150.4	21.1	3,461.5	2,462.1	999.4	-87.0	1,086.4
1967	3,467.9	142.8	169.7	28.8	3,809.3	2,937.3	872.0	41.6	913.6
1968	3,451.5	246.3	177.9	32.3	3,907.9	3,086.9	821.0	38.8	859.8
1969	3,872.1	260.4	190.0	36.0	4,358.4	3,217.7	1,140.7	-46.6	1,094.1
1970	4,139.8	235.8	188.6	34.7	4,599.0	3,464.0	1,135.0	-84.4	1,050.6
1971	3,972.1	203.5	196.0	41.3	4,412.8	3,627.0	785.9	35.6	821.4
1972	4,730.8	318.5	210.0	42.4	5,301.8	4,195.2	1,106.6	136.2	1,242.8
1973	6,989.8	186.2	234.7	52.4	7,463.1	5,112.8	2,350.8	300.1	2,650.4
1974	7,456.5	16.6	285.0	64.0	7,822.2	5,508.8	2,313.4	864.9	1,448.5
1975	6,494.5	53.1	336.1	80.6	6,964.3	5,923.8	1,040.5	591.2	1,631.7
1976r	7,154.7	26.8	404.2	80.1	7,665.8	6,588.1	1,077.7	-173.8	903.9
1977r	6,894.2	28.9	552.4	95.8	7,571.2	6,957.5	613.7	362.7	976.4
1978r	8,557.0	271.0	585.7	107.1	9,520.7	7,758.3	1,762.4	421.0	2,183.4
1979r	9,249.9	69.2	692.2	135.6	10,146.9	8,956.7	1,190.2	620.5	1,810.7
1980r	10,491.0	44.6	766.8	135.2	11,437.6	9,863.C	1,574.6	-646.5	928.1
1981r	10,715.5	58.2	871.3	170.3	11,815.2	10,223.6	1,591.6	278.1	1,869.7
1982e	10,343.3	215.9	715.5	181.9	11,456.6	10,057.1	1,396.6	-231.1	1,168.3

N/A - Not Available
r = revised figures.
Source: Economic Indicators of the Farm Sector: State Balance Sheet Statistics, 1982. Economic Research Service, U.S.D.A.

workers, number, average size and ownership, Iowa farms[1]

Year	Agricultural Workers (Hired & Owners)[2]	Number of Farms[4]	Average Size Farms[4]	Total Land in Farms (1,000 Acres)[4]	Owned by Operator % of Total[5]	Rented by Operator % of Total[5]
1960[6]	238,900r	174,707	190	33,851	45.2	54.8
1965[6]	203,800r	154,162	219	33,758	45.4	54.6
1970[6]	165,400r	140,354	237	33,570	50.7	49.3
1974[6]	161,100r	126,104	262	33,045	50.7	49.3
1975	159,400r	130,000	262	34,100	N/A	N/A
1976	168,500r	127,000	269	33,900	N/A	N/A
1977	161,300r	125,000	273	33,800	N/A	N/A
1978[3]	166,700r	126,456	266	33,581	46.5	53.5
1979	164,600r	121,000	281	33,800	N/A	N/A
1980	160,700r	119,000	286	33,800	N/A	N/A
1981[4]	156,600r	118,000	286	33,800	N/A	N/A
1982[5]	153,300r	117,000	289	33,800	N/A	N/A
1983[5]	152,700[3]	115,000	293	33,700	N/A	N/A

[1]A farm is defined as a place with annual receipts of $1,000 or more of agricultural products.
[2]Revised figures, Source: Job Service of Iowa.
[3]Estimated from first eight months of 1983.
[4]Iowa Crop and Livestock Reporting Service.
[5]Census of Agriculture, 1960, 1965, 1970, 1974, 1978, U.S. Department of Commerce, Bureau of the Census.
[6]N/A = Not Available

wage rates[1] for selected farm workers, midwest 1983

	Field Workers	Livestock Workers	Field & Livestock Workers Combined	All Hired Farm Workers
Illinois	$3.69	$4.14	$3.84	$3.48
Indiana	3.53	4.84	3.67	3.76
IOWA	3.95	3.23	3.66	4.03
Kansas	4.15	4.57	4.22	4.29
Michigan	3.82	4.47	3.99	4.03
Minnesota	3.16	3.78	3.42	4.22
Missouri	3.61	3.86	3.76	4.19
Nebraska	3.90	3.75	3.86	3.78
Ohio	4.06	3.49	3.93	4.18
Wisconsin	2.86	3.12	2.96	3.15

[1]Dollars per hour.
Source: Farm Labor, Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture.

ten leading states, selected agricultural items 1982

Item	Rank 1	2	3	4	5	6	7	8	9	10	Iowa % of U.S.
Crops — 1982											
Total acreage of principal crops harvested[1]	IOWA	Ill.	Kans.	N.D.	Texas	Minn.	Neb.	S.D.	Mo.	Ind.	7
Corn for grain	IOWA	Ill.	Ind.	Neb.	Minn.	Ohio	Wis.	Mich.	Mo.	S.D.	19
Corn for silage	Wis.	Minn.	N.Y.	Pa.	IOWA	Neb.	Cal.	Colo.	Ohio	Mich.	7
Soybeans for beans	Ill.	IOWA	Mo.	Ind.	Minn.	Ohio	Ark.	Miss.	Neb.	La.	14
Oats	S.D.	Minn.	N.D.	IOWA	Wis.	Mich.	Neb.	Ohio	Pa.	N.Y.	9
Alfalfa hay and mixtures	Wis.	IOWA	Cal.	Minn.	S.D.	Neb.	Idaho	Mich.	Kans.	Mont.	8
All hay	Wis.	S.D.	Minn.	IOWA	Neb.	Cal.	Texas	Mo.	Kans.	N.D.	5
Livestock on Hand January 1, 1983											
All cattle and calves	Texas	Neb.	IOWA	Kans.	Mo.	Okla.	Cal.	Wis.	S.D.	Minn.	6
Milk cows that have calved	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	IOWA	Texas	Mo.	3
Beef cows that have calved	Texas	Mo.	Okla.	Neb.	S.D.	IOWA	Mont.	Kans.	Fla.	Tenn.	3
All hogs — December 1982	IOWA	Ill.	Ind.	Minn.	2	2	N.C.	Ohio	Kans.	S.D.	27
Cattle and calves on feed	Texas	Neb.	Kans.	IOWA	Colo.	Cal.	Ill.	Minn.	Ariz.	S.D.	12
Sheep and lambs on feed	Colo.	Cal.	Texas	Ore.	IOWA	Wyo.	Neb.	Minn.	3	3	5
Turkey breeder hens — 12/82	N.C.	Cal.	Minn.	Texas	Mo.	Ohio	IOWA	Ga.	Mich.	Pa.	7
Livestock Production in 1982											
Cattle and calf production	Texas	Neb.	IOWA	Kans.	Okla.	Cal.	S.D.	Mo.	Colo.	Minn.	7
Fed cattle marketed	Neb.	Texas	Kans.	IOWA	Colo.	Cal.	Ill.	Minn.	S.D.	Okla.	11
Hog production	IOWA	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Kans.	Ohio	S.D.	27
Sheep production	Texas	Cal.	Colo.	S.D.	Syo.	Idaho	Mont.	Utah	IOWA	Ore.	4
Turkey production	N.C.	Minn.	Cal.	Ark.	Mo.	Va.	IOWA	Wis.	Ind.	Colo.	5
Calf crop	Texas	Mo.	Okla.	Wis.	Neb.	IOWA	S.D.	Cal.	Mont.	Kans.	4
Pig crop	IOWA	Ill.	Minn.	Ind.	Neb.	Mo.	N.C.	Ohio	Kans.	Wis.	25
Turkeys raised	N.C.	Minn.	Cal.	Ark.	Mo.	Va.	IOWA	Ind.	Wis.	Pa.	4
Cattle slaughter	Neb.	Texas	Kans.	IOWA	Cal.	Colo.	Wis.	Minn.	Ill.	Pa.	10
Hog slaughter	IOWA	Ill.	Minn.	Mich.	Mo.	Neb.	Ohio	Va.	S.D.	Ind.	23
Sheep slaughter	Cal.	Colo.	Texas	Minn.	S.D.	Ill.	IOWA	Mich.	Wash.	Pa.	5
Wool production	Texas	Cal.	Wyo.	S.D.	Utah	Mont.	N.M.	Idaho	IOWA	Ore.	4
Milk production*	Wis.	Cal.	N.Y.	Minn.	Pa.	Mich.	Ohio	IOWA	Texas	Wash.	3
American cheese*	Wis.	Minn.	IOWA	Idaho	N.Y.	Cal.	Utah	S.D.	Mo.	Ind.	4
Total cheese*	Wis.	Minn.	N.Y.	IOWA	Cal.	Idaho	Mo.	Pa.	Ill.	Ohio	4

[1]Crop acres included are: Corn, Sorghum, oats, barley, wheat, rice, rye soybeans, flax seed, peanuts, cotton, all hay, dry beans, potatoes, sweet potatoes, tobacco, sugar cane and sugar beets.
[2]Tie between Missouri and Nebraska.
[3]Tie between Arizona and South Dakota.
*1981 data, 1982 data not available.
Source: Iowa Crop and Livestock Reporting Service.

net income[1] per farm[2], midwest (dollars)

STATE	1960	1965	1970r	1975r	1979r	1980r	1981r	1982
IOWA	$3,347	$6,896	$7,442	$13,196	$14,965	$ 7,799	$15,845	$ 9,986
Minnesota	2,918	4,124	6,805	10,819	15,079	13,327	16,590	10,554
South Dakota	4,668	5,600	6,786	14,802	15,937	8,317	12,601	16,350
Nebraska	3,534	5,141	6,340	14,802	15,122	4,332	15,166	10,270
Kansas	3,609	3,879	6,062	8,884	17,102	6,768	5,313	11,667
Missouri	2,163	3,072	3,025	4,712	10,127	2,277	5,222	2,044
Illinois	3,377	5,507	4,996	18,596	18,636	3,908	15,309	9,738
Wisconsin	2,802	3,939	5,265	7,792	15,575	14,196	13,545	12,345
Indiana	2,629	4,439	3,390	10,531	12,293	7,726	8,225	3,499
Ohio	2,168	2,592	3,338	6,891	9,577	6,288	2,882	4,208
U.S.	2,907	3,843	4,937	9,860	13,312	8,289	10,312	9,188

r = revised.
[1]Includes changes in inventories and represents income of farm operator.
[2]A farm is a place with annual sales of agricultural products of $1,000 or more.
Source: Economic Indicators of the Farm Sector; State Income and Balance Sheet Statistics, 1982; National Economic Division, Economics Research Service, U.S.D.A.

cash receipts from sale of farm produce, Iowa (thousands)

	1965	% of Total	1970	% of Total	1975	% of Total	1980	% of Total	1981	% of Total	1982	% of Total
All Commodities	$3,079,934	100.0	$4,129,980	100.0	$6,494,484	100.0	$10,295,035	100.0	$10,715,460	100.0	$10,343,345	100.0
Livestock Products	2,368,822	76.9	2,853,411	69.1	3,906,402	60.1	5,535,245	53.8	5,725,464	53.4	6,013,068	58.1
Meat Animals	2,047,006	66.5	2,526,795	61.2	3,469,497	53.4	4,870,310	46.7	4,990,507	46.6	5,285,076	51.1
Cattle Calves	1,082,251	35.1	1,431,168	34.6	1,567,561	24.1	2,654,488	25.8	2,502,400	23.4	2,411,414	23.3
Hogs	936,900	30.4	1,074,809	26.0	1,886,709	29.0	2,196,559	20.9	2,474,050	23.1	2,855,936	27.6
Sheep Lambs	27,855	.9	23,218	.5	15,227	.2	19,293	.2	14,057	.1	17,726	.2
Dairy Products	192,825	6.3	220,719	5.4	304,224	4.7	506,847	4.8	562,231	5.2	552,420	5.3
Misc. Livestock	11,139	.4	7,094	.2	9,647	.1	19,096	.2	19,611	.2	19,173	.2
Poultry & Eggs	117,852	3.8	98,803	2.3	123,034	1.9	138,992	1.3	153,115	1.4	156,399	1.5
Crops	711,112	23.1	1,276,569	30.9	2,588,082	39.9	4,955,790	47.2	4,989,996	46.6	4,330,277	41.9
Food Grains	1,261	*	1,769	*	9,968	.2	10,997	.1	15,049	.1	10,952	.1
Wheat	1,192	*	1,697	*	9,811	.1	10,997	.1	15,049	.1	10,741	.1
Feed Crops	425,393	13.8	666,508	16.1	1,584,964	24.4	2,703,097	25.8	2,787,681	26.0	2,386,550	23.1
Corn	388,140	12.6	639,630	15.4	1,508,165	23.2	2,630,431	24.8	2,701,694	25.2	2,300,512	22.4
Oats	20,346	.7	17,315	.4	41,082	.6	35,122	.3	38,945	.3	40,908	.4
Hay	15,630	.5	11,613	.3	34,282	.5	35,815	.3	45,105	.4	33,993	.3
Sorghum Grain	1,233	*	923	*	1,389	*	1,729	*	1,937	*	1,237	*
Oil Crops	261,205	8.5	562,092	13.1	944,525	14.5	2,172,444	20.7	2,110,812	19.7	1,854,543	17.9
Soybeans	260,662	8.5	562,016	13.0	944,421	14.5	2,172,444	20.7	2,110,812	19.7	1,854,543	17.9
Vegetables	5,419	.2	6,218	.2	10,490	.2	7,247	*	N/A	N/A	8,249	.1
Fruits, Nuts	1,189	*	1,412	*	1,256	*	2,962	*	N/A	N/A	3,713	*
All Other Crops	16,645	.5	38,561	.5	36,879	.6	64,163	.6	69,023	.6	66,270	.6

*less than .1%
Source: Economic Research Service, United States Department of Agriculture

federal farm payments by program, Iowa (thousands)

Program	1960	1970	1975	1979	1980	1981	1982
Conservation	$ 6,467	$ 8,832	$ 7,233	$ 6,557	$ 7,615	$ 7,523	$ 6,463
Sugar Act	49	50					
Wool Act	2,006	1,523					
Soil Bank	12,283	5					
Feed Grain		221,294	44,286	37,993	6,319	11,730	81,366
Wheat		809	460	63	96	972	467
Cropland Adjustment		3,302	668				
Drought and Flood				136	7		5
Miscellaneous			474	24,440	30,526	37,945	127,568
Total	20,795	235,815	53,121	69,189	44,563	58,170	215,869

Source: Economic Indicators of the Farm Sector: State Income and Balance Sheet Statistics, 1982, National Economic Division, Economic Research Service, U.S.D.A.

farm real estate average value of land and buildings per acre, Midwest (dollars)

	1960	1965	1970r	1975r	1977r	1978r	1979r	1980r	1981	1982
Iowa	$257	$279	$392	$719	$1,259	$1,331	$1,550	$1,811	$1,941	$1,802
Minnesota	155	167	226	424	672	761	901	1,061	1,231	1,197
South Dakota	51	62	84	145	194	227	256	273	290	291
Nebraska	89	111	154	262	420	412	525	600	660	626
Kansas	101	123	159	296	398	418	501	573	590	585
Missouri	115	155	224	396	548	643	726	878	941	872
Illinois	316	372	490	846	1,458	1,625	1,858	2,013	2,133	1,940
Wisconsin	133	155	232	434	598	718	856	980	1,105	1,073
Indiana	264	311	406	720	1,188	1,337	1,589	1,833	1,972	1,715
Ohio	245	294	399	706	1,099	1,224	1,483	1,678	1,727	1,474
48 States	116	146	196	340	474	531	628	725	795	788

r — revised
Source: Farm Estate Market Developments, U.S. Department of Agriculture, July 1982.

principal machines on Iowa farms

	1979	1980r	1981	1982	1983
Wheel and Crawler Tractors	300,600	328,292	329,300	324,800	320,000
Self-propelled Combines	45,500	55,889	63,000	64,400	65,900
Corn Pickers, Corn Heads & Picker-Shellers	49,000	53,427	60,400	62,200	63,600
Pick-up Balers	36,700	34,400	42,000	42,900	42,000
Side Delivery Rakes	87,000	86,400	85,500	91,200	99,000
Motor Trucks & Pickups	146,000	148,000	149,000	149,900	150,500
Power Elevators	179,000	185,000	204,200	206,300	207,800
Tractor Moldboard Plows	216,400	235,000	223,300	221,200	219,500
Field Forage Harvesters	24,280	19,479	26,500	26,500	26,500
Manure Spreaders	103,300	110,000	113,600	110,500	108,000
Corn Planters	104,300	109,000	117,800	116,600	115,500
Grain Drills	57,700	59,600	67,400	66,700	66,200
Hay Conditioners	25,370	26,631	33,300	33,800	34,200

r = revised.
Source: Principal Machines on Farms — Implement & Tractor, November, 1983

farm equipment retail sales, Iowa

	1977	1978	1979	1980r	1981e	1982e
Farm wheel tractors, 40 PTO horsepower and over	8,396	9,679	9,671	7,136	6,091	4,794
Self-propelled combines	1,595	1,605	1,851	2,928	2,966	1,895

r = revised.
e = estimate.
Source: Unit Retail Sales — Implement & Tractor, November, 1983

U.S. and Iowa farmers are the world's most efficient

	% of population Involved in Food Production	% of disposable Income Spent on Food	Positive food Trade Balance in Billion $	Minutes Worked to Earn 1 lb. Beef	1 lb. Bread	1 Dozen Eggs
United States	2.3	14	$ 18.0	16	4	6
Australia	6.0	17	5.0	22	4	11
Brazil	38.9	41	5.0	135	43	73
China	60.6	60	-1.9	455	N/A	205
France	9.1	20	.1	34	8	13
India	64.0	59	.5	N/A	46	131
Japan	11.8	23	-13.0	174	7	12
Mexico	36.9	41	.4	132	52	62
South Korea	39.9	44	-1.5	335	N/A	48
Soviet Union	17.3	34	-8.1	60	8	71
United Kingdom	2.1	19	-.8	57	4	16

N/A = Not Available
Source: Agricultural Council of America

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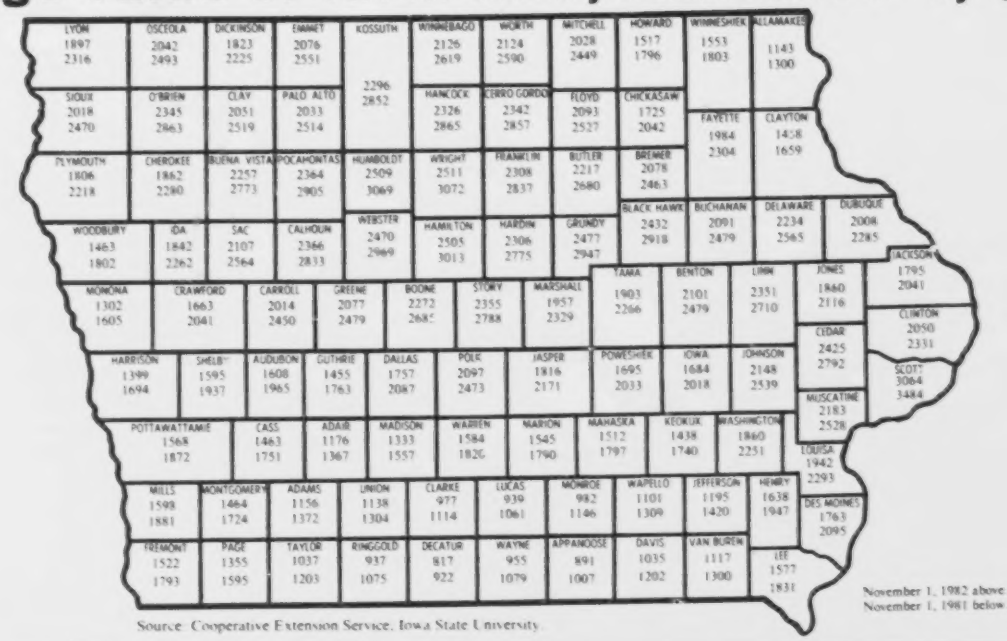
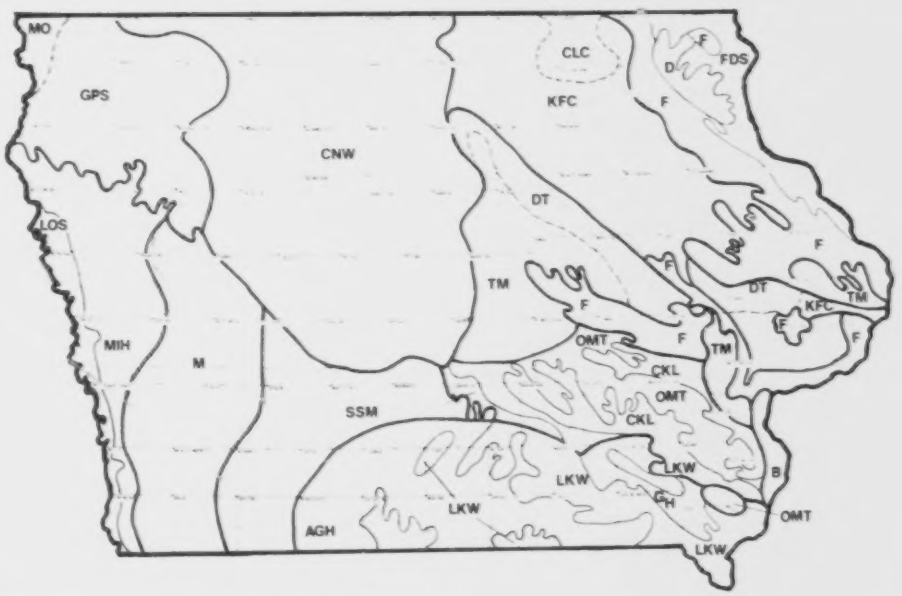
average value of farm land, November 1, 1982



November 1, 1982 above
November 1, 1981 below

Source: Cooperative Extension Service, Iowa State University

principal soil-association areas, Iowa



B	SOILS OF MISS. BOTTOMLAND	—	GRADATIONAL BOUNDARY
—	TENTATIVE BOUNDARY	—	ABRUPT BOUNDARY

AGH	ADAIR-GRUNDY-HAIG	D	DOWNS	GH	GRUNDY-HAIG	MIH	MONONA-IDA-HAMBURG
ASE	ADAIR-SEYMOUR-EDINA	DT	DINSDALE-TAMA	KFC	KENYON-FLOYD-CLYDE	Mo	MOODY
CKL	CLINTON-KESWICK-LINDLEY	F	FAYETTE	LKW	LINDLEY-KESWICK-WELLER	OMT	OTLEY-MAHASKA-TAINTER
CLC	CRESCO-LOURDES-CLYDE	FDS	FAYETTE-DUBUQUE-STONYLAND	LOS	LUTON-ONAWA-SALIX	SSM	SHELBY-SHARPSBURG-MACKSBURG
CNW	CLARION-NICOLLET-WEBSTER	GPS	GALVA-PRIMGHAR-SAC	M	MARSHALL	TM	TAMA-MUSCATINE

SOURCE: Cooperative Extension Service, Iowa State University

number and average size of farms[1] Iowa counties

County and District	Number of farms				Average acres per farm			
	1979	1980	1981	1982	1979	1980	1981	1982[2]
Buena Vista	1,270	1,250	1,250	1,250	279	283	284	284
Cherokee	1,200	1,180	1,180	1,180	299	304	305	305
Clay	1,040	1,030	1,030	1,030	337	340	338	338
Dickinson	670	660	660	660	340	345	341	341
Emmet	730	720	720	720	325	329	334	334
Lyon	1,410	1,390	1,390	1,390	260	264	264	264
O'Brien	1,260	1,240	1,240	1,240	281	285	286	286
Osceola	830	820	820	820	300	303	299	299
Palo Alto	1,060	1,050	1,050	1,050	330	333	330	330
Plymouth	1,920	1,890	1,890	1,890	281	286	286	286
Pocahontas	1,160	1,150	1,150	1,150	309	312	312	312
Sioux	1,950	1,920	1,920	1,920	240	244	245	245
N.W. District	14,500	14,300	14,300	14,300	291	295	294	294
Butler	1,540	1,520	1,520	1,500	231	234	234	237
Cerro Gordo	1,040	1,020	1,020	1,020	327	334	325	325
Floyd	1,150	1,130	1,130	1,120	267	271	272	275
Franklin	1,190	1,170	1,170	1,170	305	310	302	302
Hancock	1,240	1,220	1,220	1,210	287	291	290	292
Humbolt	870	860	860	850	309	313	311	315
Kossuth	1,960	1,930	1,930	1,920	309	314	315	317
Mitchell	1,050	1,030	1,030	1,030	278	283	283	283
Winnebago	890	880	880	870	277	281	280	283
Worth	850	840	840	830	291	294	290	293
Wright	1,120	1,100	1,100	1,080	320	326	326	332
N.C. District	12,900	12,700	12,700	12,600	290	294	293	295
Allamakee	1,210	1,190	1,190	1,170	316	322	323	325
Black Hawk	1,420	1,400	1,390	1,370	222	226	208	211
Bremer	1,330	1,310	1,310	1,310	199	202	200	200
Buchanan	1,530	1,510	1,500	1,480	227	230	233	236
Chickasaw	1,180	1,170	1,170	1,150	264	267	264	269
Clayton	1,900	1,880	1,850	1,810	241	244	246	252
Delaware	1,520	1,500	1,500	1,490	234	237	234	235
Dubuque	1,740	1,720	1,710	1,690	204	206	206	209
Fayette	1,860	1,840	1,810	1,780	238	240	245	249
Howard	1,080	1,070	1,070	1,060	270	273	272	275
Winneshiek	1,830	1,810	1,800	1,790	231	233	234	236
N.E. District	16,600	16,400	16,300	16,100	238	241	240	243
Audubon	990	980	980	980	285	288	287	287
Calhoun	1,140	1,120	1,120	1,120	312	317	311	311
Carroll	1,340	1,320	1,320	1,320	265	269	268	268
Crawford	1,650	1,630	1,620	1,600	273	277	278	281
Greene	1,060	1,050	1,050	1,050	340	343	336	336
Guthrie	1,130	1,120	1,120	1,100	327	330	330	333
Harrison	1,270	1,250	1,240	1,230	337	342	347	349
Ida	910	900	890	880	300	304	303	310
Monona	1,010	1,000	1,000	990	425	429	427	431
Sac	1,130	1,110	1,110	1,100	319	325	323	323
Shelby	1,240	1,220	1,220	1,220	298	303	303	303
Woodbury	1,930	1,900	1,830	1,790	272	276	282	288
W.C. District	14,800	14,600	14,500	14,400	308	312	310	315
Boone	1,250	1,220	1,220	1,220	272	278	274	274
Dallas	1,220	1,190	1,190	1,190	289	296	296	296
Grundy	1,190	1,170	1,170	1,170	267	272	268	268
Hamilton	1,250	1,230	1,230	1,230	286	290	288	288
Hardin	1,200	1,180	1,180	1,180	294	299	295	295
Jasper	1,600	1,570	1,560	1,550	278	283	288	290
Marshall	1,250	1,230	1,230	1,210	279	283	282	286
Polk	1,340	1,310	1,230	1,200	195	203	212	217
Poweshiek	1,250	1,230	1,230	1,210	289	294	294	299
Story	1,160	1,140	1,140	1,140	293	298	293	293
Tama	1,680	1,650	1,640	1,620	265	269	271	275
Webster	1,310	1,280	1,280	1,280	329	337	332	332
C. District	15,700	15,400	15,300	15,200	277	283	283	284

number and average size of farms[1] Iowa counties (continued)

County and District	Number of farms				Average acres per farm			
	1979	1980	1981	1982	1979	1980	1981	1982[1]
Benton	1,490	1,460	1,460	1,460	297	303	298	298
Cedar	1,300	1,270	1,270	1,270	275	281	277	277
Clinton	1,660	1,620	1,620	1,620	249	255	251	251
Iowa	1,200	1,170	1,170	1,170	300	308	309	309
Jackson	1,490	1,460	1,460	1,460	261	266	267	267
Johnson	1,420	1,390	1,390	1,390	241	247	242	242
Jones	1,400	1,370	1,370	1,370	255	261	261	261
Linn	1,730	1,690	1,690	1,690	231	237	231	231
Muscatine	950	930	930	930	270	276	270	270
Scott	1,060	1,040	1,040	1,040	236	240	232	232
E.C. District	13,700	13,400	13,400	13,400	261	266	263	263
Adair	1,110	1,080	1,080	1,070	325	334	333	336
Adams	750	740	740	730	354	359	360	365
Cass	1,100	1,070	1,070	1,060	320	329	326	329
Fremont	750	740	740	740	419	425	428	428
Mills	740	730	730	720	363	368	369	375
Montgomery	800	780	780	780	328	337	333	333
Page	1,080	1,050	1,050	1,050	306	314	313	313
Pottawattamie	1,970	1,930	1,930	1,890	287	293	291	297
Taylor	1,000	980	980	960	336	343	344	351
S.W. District	9,300	9,100	9,100	9,000	329	336	335	339
Appanoose	1,160	1,140	1,060	1,010	249	254	274	287
Clarke	710	700	700	690	379	385	379	385
Decatur	850	840	820	790	392	397	401	417
Lucas	910	890	830	820	288	295	317	321
Madison	1,350	1,320	1,280	1,250	262	268	277	283
Marion	1,300	1,270	1,270	1,270	238	244	244	244
Monroe	940	920	830	800	283	289	321	333
Ringgold	860	850	840	830	399	404	404	409
Union	720	710	710	710	369	374	369	369
Warren	1,430	1,400	1,400	1,390	242	248	248	250
Wayne	870	860	860	840	375	379	375	383
S.C. District	11,100	10,900	10,600	10,400	303	309	316	322
Davis	1,230	1,210	1,100	1,060	252	256	283	294
Des Moines	810	800	800	790	272	275	273	276
Henry	1,010	990	990	980	259	265	263	266
Jefferson	1,090	1,070	1,020	990	243	248	261	269
Keokuk	1,200	1,180	1,180	1,170	296	301	302	305
Lee	1,190	1,170	1,130	1,120	250	254	262	264
Louisa	740	730	730	720	320	324	324	328
Mahaska	1,400	1,380	1,370	1,360	253	257	258	260
Van Buren	1,020	1,000	980	970	288	294	301	304
Wapello	1,420	1,400	1,230	1,180	178	180	205	213
Washington	1,290	1,270	1,270	1,260	270	274	274	276
S.E. District	12,400	12,200	11,800	11,600	258	262	271	275
State	121,000	119,000	118,000	117,000	281	286	286	289

[1] Preliminary
Source: Iowa Crop & Livestock Reporting Service

corn and soybeans harvested

County & District	Corn						Corn for Silage		Soybeans					
	1980		1981r		1982e		1981r	1982e	1980		1981r		1982e	
	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	(000's of Tons)		Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)
Buena Vista	121.8	20,700	130.9	22,772	128.9	21,864	58	64	40.7	5,410	42.5	5,589	37.9	5,173
Cherokee	111.9	16,000	127.5	18,999	125.9	18,676	254	168	42.2	4,070	43.3	4,038	39.9	4,157
Clay	126.3	19,200	135.7	21,850	112.0	17,748	73	98	37.4	4,790	37.9	4,637	34.7	4,542
Dickinson	125.5	11,800	135.0	14,044	116.9	11,177	45	65	40.0	3,340	38.5	3,067	34.9	2,789
Emmet	139.1	15,300	138.0	16,145	123.5	13,664	66	62	41.1	4,000	38.0	3,576	38.0	3,613
Lyon	103.0	16,900	109.1	17,786	104.3	15,871	216	186	38.2	3,890	38.1	3,994	36.9	4,127
O'Brien	129.3	19,400	136.4	22,511	116.7	18,288	123	99	39.6	5,400	41.7	5,348	36.1	4,997
Osceola	124.8	13,600	121.0	13,674	122.3	13,059	68	100	39.4	4,040	37.0	3,596	37.9	3,852
Palo Alto	134.4	21,500	140.5	23,744	124.2	20,267	45	45	38.4	5,600	37.6	5,287	38.3	5,286
Plymouth	83.8	19,600	98.5	22,938	110.3	25,939	199	194	36.5	4,330	37.7	4,560	38.4	5,094
Pocahontas	123.1	20,800	143.3	24,937	133.0	22,777	45	35	38.3	5,890	39.3	5,920	39.8	5,934
Sioux	110.2	26,000	123.4	29,750	110.6	25,192	438	359	40.5	4,230	43.1	4,385	39.3	4,409
N.W. District	116.8	220,800	126.9	249,150	118.4	224,342	1,630	1,475	39.2	54,990	39.6	53,997	37.7	53,973
Butler	124.3	21,000	131.0	22,801	125.4	20,465	27	65	40.1	4,580	38.5	4,371	36.9	4,063
Cerro Gordo	130.2	20,700	131.4	21,543	124.8	21,118	45	29	37.8	4,240	33.5	3,682	38.6	4,672
Floyd	126.3	16,800	131.8	17,534	118.0	15,895	52	42	34.5	3,630	33.8	3,567	34.1	3,824
Franklin	131.8	23,600	137.3	25,852	127.9	23,197	68	50	39.9	4,960	34.9	4,036	38.7	4,820
Hancock	127.7	21,200	142.1	24,303	123.6	21,371	85	73	39.3	4,890	36.8	4,479	37.8	4,953
Humbolt	119.7	15,200	144.0	18,864	130.2	16,811	26	60	38.9	4,290	42.7	4,616	40.1	4,692
Kossuth	131.9	36,400	136.8	38,162	132.2	36,996	120	88	41.0	10,130	35.3	8,473	38.8	9,893
Mitchell	120.5	14,700	126.8	15,971	120.7	15,347	46	157	29.0	2,710	34.8	3,060	34.6	3,162
Winnebago	115.5	13,400	130.5	16,830	125.6	14,869	22	28	33.2	3,530	27.1	2,440	36.4	3,408
Worth	120.7	14,000	119.4	13,967	128.4	14,215	28	58	31.3	2,870	27.1	2,305	36.1	3,346
Wright	118.4	21,200	142.0	26,475	126.9	20,746	58	31	38.2	6,280	41.2	6,429	39.2	6,448
N.C. District	125.3	218,200	134.7	242,070	126.4	221,030	577	681	37.4	52,110	35.6	47,458	37.7	53,281
Allamakee	114.5	8,700	127.8	10,738	127.0	11,087	105	108	38.2	130	37.6	139	33.3	133
Black Hawk	117.8	17,900	136.3	21,257	131.1	18,189	85	59	41.8	3,950	42.3	3,930	38.7	3,787
Bremer	123.1	14,400	138.0	18,216	130.0	15,063	46	74	36.3	2,730	35.1	2,201	38.1	2,654
Buchanan	126.5	21,000	135.3	24,356	133.1	23,486	59	54	39.8	3,710	40.3	3,527	38.6	3,085
Chickasaw	122.3	14,800	135.3	17,323	119.0	15,720	67	119	33.1	2,490	28.8	2,232	34.0	2,556
Clayton	116.0	17,400	135.4	21,118	126.0	20,190	59	114	36.6	260	43.5	300	38.5	231
Delaware	124.6	21,300	134.3	24,302	133.9	23,211	86	140	41.5	1,360	40.5	1,329	39.3	1,034
Dubuque	122.0	15,500	133.4	17,469	134.7	17,592	163	163	45.6	110	46.8	117	40.0	84
Fayette	125.5	23,600	132.9	26,450	119.4	21,782	106	181	40.7	3,580	37.7	3,148	35.6	2,779
Howard	120.4	13,000	131.7	15,666	106.7	11,066	58	101	34.1	2,490	38.0	2,590	32.0	2,430
Winneshiek	117.7	16,600	125.1	18,636	111.9	15,470	194	247	38.7	700	37.7	742	33.5	636
N.E. District	121.4	184,200	133.5	215,531	125.3	192,856	1,028	1,360	38.2	21,510	37.9	20,255	36.3	19,409
Audubon	90.6	11,600	121.2	15,756	117.1	14,355	96	89	35.4	1,910	44.3	2,424	37.2	2,322
Calhoun	123.4	19,500	139.3	22,005	128.1	20,167	73	51	43.3	6,440	41.1	5,896	38.3	5,244
Carroll	98.1	15,700	125.7	20,610	116.0	18,529	323	236	40.8	4,210	43.1	4,696	38.9	4,049
Crawford	67.8	12,200	98.0	16,002	111.9	18,207	85	93	33.7	2,760	40.1	3,566	40.3	4,146
Greene	112.9	18,400	138.0	22,908	130.4	19,309	135	66	41.9	5,680	45.5	6,129	40.3	5,442
Guthrie	96.4	10,700	124.4	14,425	115.3	13,060	60	59	36.4	2,390	41.8	2,892	36.3	2,982
Harrison	80.0	13,600	94.4	16,149	110.5	18,282	35	70	32.9	3,600	40.0	4,596	37.8	4,388
Ida	71.8	8,900	102.4	12,906	119.8	14,776	50	68	34.1	2,130	39.2	2,405	38.7	2,579
Monona	73.8	12,100	95.0	16,442	108.0	19,057	152	86	26.5	2,660	35.8	3,471	37.0	4,160
Sac	85.8	14,500	124.1	20,354	116.9	18,588	192	135	35.4	3,870	41.7	4,866	38.0	4,367
Shelby	87.4	15,900	102.5	18,646	122.5	21,534	177	99	36.5	2,840	43.7	3,314	39.0	3,330
Woodbury	67.7	17,000	92.7	23,914	112.1	29,713	191	135	30.9	2,700	37.2	3,500	39.1	3,687
W.C. District	86.8	170,100	111.2	220,117	116.9	225,577	1,569	1,187	36.3	41,190	41.2	47,755	38.5	46,696
Boone	118.8	18,300	117.7	17,772	129.6	19,398	35	29	43.1	5,180	42.0	5,226	40.1	5,011
Dallas	96.9	15,500	133.7	20,716	127.0	18,848	43	34	42.1	4,450	46.2	5,210	39.4	4,886
Grundy	122.4	18,600	125.6	19,586	130.1	19,937	180	127	43.6	4,570	43.1	4,383	40.9	4,454
Hamilton	125.3	21,300	142.3	24,331	128.4	20,544	17	20	40.1	5,880	43.4	6,265	38.1	5,661
Hardin	120.7	20,400	132.3	22,753	127.9	21,923	103	47	40.5	4,510	41.9	4,601	38.5	4,223
Jasper	102.9	17,900	125.5	21,715	124.6	20,584	98	64	42.6	3,750	44.7	3,947	38.7	3,603
Marshall	119.3	19,200	128.1	20,618	127.9	19,789	22	48	43.9	3,700	46.7	4,073	39.8	3,523
Polk	100.0	11,000	132.4	15,226	123.5	12,562	27	13	40.5	3,810	44.0	4,078	38.8	3,735
Poweshiek	110.7	14,500	125.4	17,550	122.2	17,483	43	31	41.0	2,870	45.8	3,272	38.3	2,895
Story	126.5	21,500	123.8	20,308	129.6	19,031	48	43	42.2	5,530	44.2	5,945	38.7	5,482
Tama	114.2	20,100	133.4	23,470	128.5	23,536	57	42	42.9	4,520	44.2	4,632	38.0	4,247
Webster	127.0	24,000	143.2	26,777	131.0	22,993	56	30	42.7	7,660	45.0	7,851	40.1	7,479
C. District	116.0	222,300	130.6	250,822	127.7	236,628	729	528	42.1	56,430	44.2	59,483	39.2	55,399

corn and soybeans harvested (continued)

County & District	Corn						Corn for Silage		Soybeans					
	1980		1981r		1982e		1981r	1982e	1980		1981r		1982e	
	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	(000's of Tons)		Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)	Yield (bu./A)	Production (000 bu.)
Benton	105.7	18,500	127.3	22,396	130.5	22,910	195	91	41.3	4,730	42.0	4,869	41.8	5,336
Cedar	124.6	22,300	143.9	25,614	140.0	24,500	71	68	44.4	3,330	46.9	3,597	43.9	3,289
Clinton	123.0	25,700	137.2	28,396	133.3	27,720	126	151	45.1	3,110	45.9	3,197	42.5	3,073
Iowa	113.0	16,500	129.8	20,643	119.5	18,582	57	68	38.3	1,760	44.9	1,966	38.1	1,818
Jackson	115.0	12,300	132.7	16,589	125.1	15,477	172	96	43.4	430	43.7	393	41.8	347
Johnson	106.8	15,700	122.4	18,481	124.0	17,932	69	57	40.2	2,480	42.4	2,296	37.6	2,068
Jones	124.5	17,800	136.2	20,161	134.9	20,552	111	117	43.2	1,890	45.0	1,862	42.0	1,893
Linn	114.5	17,400	132.8	20,444	132.5	20,092	22	55	41.0	3,900	43.6	4,218	41.7	4,250
Muscatine	119.6	12,200	136.3	14,306	132.8	13,715	43	44	42.2	2,110	44.2	2,191	40.0	2,086
Scott	132.4	18,000	141.1	20,316	129.4	18,684	25	81	44.2	1,870	44.9	1,667	43.6	1,642
E.C. District	117.9	176,400	134.0	207,346	130.5	200,164	891	828	42.2	25,610	44.2	26,256	41.4	25,802
Adair	89.7	10,400	123.5	14,820	102.2	12,041	26	22	37.5	2,120	43.1	2,675	35.6	2,184
Adams	78.4	5,800	116.9	9,232	102.5	7,329	160	60	35.2	1,370	42.5	1,720	30.2	1,423
Cass	88.4	11,400	123.8	16,958	119.8	16,032	179	92	35.4	2,490	43.7	3,097	35.1	2,696
Fremont	93.8	10,500	120.9	13,660	92.8	9,155	25	27	37.0	4,190	43.3	4,668	32.9	3,751
Mills	99.0	10,200	120.5	12,652	102.3	10,548	64	72	37.4	2,970	40.7	3,135	33.8	2,890
Montgomery	84.5	8,200	118.3	11,355	97.2	8,343	27	38	35.6	2,400	39.4	2,799	33.5	2,533
Page	73.5	8,300	117.3	12,790	94.8	8,848	65	50	31.2	2,600	40.1	3,741	30.3	2,654
Pottawattamie	98.4	24,100	112.5	27,008	115.2	25,254	222	152	35.9	5,025	42.7	6,159	37.5	5,707
Taylor	65.4	5,300	119.4	9,912	82.8	6,121	42	32	30.0	1,710	40.7	2,575	29.2	1,997
S.W. District	88.0	94,200	118.7	128,387	104.0	103,671	810	545	35.2	24,875	41.9	30,569	33.6	25,835
Appanoose	86.8	3,300	112.7	4,619	76.2	2,683	40	27	27.6	1,130	32.4	1,159	27.0	1,032
Clarke	83.7	3,600	118.1	6,142	86.1	4,449	37	9	32.5	1,050	39.5	1,125	30.8	1,021
Decatur	83.3	4,000	113.4	6,234	96.1	4,775	98	90	31.1	1,240	41.2	1,460	30.6	1,109
Lucas	90.7	3,900	124.9	5,995	84.3	3,220	80	48	30.4	780	40.9	941	28.1	682
Madison	98.9	8,700	127.0	11,336	104.7	8,062	33	38	38.8	2,200	42.7	2,461	33.4	2,184
Marion	92.0	8,100	130.1	11,838	109.1	8,541	58	67	39.3	2,200	41.1	2,240	34.1	2,001
Monroe	94.3	3,300	109.6	3,944	70.1	2,328	80	25	33.8	890	36.6	835	27.0	675
Ringgold	84.8	3,400	120.6	7,597	88.3	4,607	91	61	33.6	1,760	41.3	2,105	28.1	1,646
Union	80.7	4,600	123.8	7,797	94.6	5,035	19	17	35.0	1,070	41.5	1,194	28.2	935
Warren	100.0	8,700	130.7	12,413	107.3	8,155	46	53	37.4	2,090	42.4	2,250	31.2	1,851
Wayne	95.3	6,100	112.8	8,234	79.1	5,720	19	15	31.5	1,710	31.6	1,787	27.0	1,596
S.C. District	88.4	57,700	121.9	86,149	93.3	57,575	601	450	34.2	16,120	39.3	17,557	30.0	14,732
Davis	105.5	5,800	106.6	6,606	96.5	4,823	61	33	31.3	1,590	34.5	1,558	29.2	1,209
Des Moines	116.1	10,800	135.3	12,851	136.9	12,238	9	23	39.4	2,230	42.7	2,293	42.0	2,236
Henry	118.9	12,600	131.7	15,150	127.0	13,771	26	15	39.3	2,270	44.0	2,211	41.4	2,258
Jefferson	101.3	7,700	126.6	9,872	118.8	9,098	7	21	37.8	2,160	39.3	2,335	33.6	2,038
Keokuk	115.9	15,300	129.4	18,117	124.2	14,963	60	63	42.7	2,740	45.8	3,134	40.5	2,784
Lee	108.1	9,300	122.5	10,416	131.4	11,390	47	55	37.5	2,380	41.1	2,558	41.1	2,707
Louisa	122.7	11,900	138.6	13,860	131.6	13,177	29	11	42.4	2,120	46.0	2,310	41.6	2,743
Mahaska	108.1	14,700	127.4	17,193	122.1	15,990	100	88	41.9	3,220	44.5	3,428	39.6	3,096
Van Buren	93.1	5,400	110.4	7,064	107.5	6,355	26	25	31.3	1,470	33.0	1,516	32.6	1,563
Wapello	104.6	6,800	135.7	8,818	119.5	7,147	12	9	39.4	2,140	40.3	2,136	33.2	1,761
Washington	124.5	18,800	136.8	20,381	130.1	20,355	38	29	44.9	3,240	47.0	3,266	42.8	3,103
S.E. District	112.9	119,100	129.0	140,328	124.6	129,307	415	372	39.3	25,560	42.1	26,745	38.5	25,498
State	110.0	1,463,000	127.0	1,739,900	121.0	1,591,150	8,250	7,426	38.5	318,395	40.5	330,075	37.5	320,625

r/Revised figures.
e/Estimated figures.
Source: Iowa Crop and Livestock Reporting Service.

hogs and grain fed cattle marketed and cows and heifers* that have calved

	Hogs Marketed (000)			Grain Fed Cattle Marketed (000)			Milk Cows (000)			Beef Cows (000)		
	1980	1981r	1982e	1980	1981r	1982e	1981	1982r	1983e	1981e	1982r	1983e
Buena Vista	330.0	355.0	355.0	27.0	29.7	26.0	1	9	9	9.3	10.3	8.8
Cherokee	275.0	295.0	285.0	72.0	75.0	64.0	2.2	2.3	2.4	18.2	20.5	19.9
Clay	200.0	195.0	180.0	35.0	31.5	30.9	9	8	8	13.3	13.6	12.5
Dickinson	120.0	125.0	120.0	27.0	25.0	24.5	8	7	7	8.0	8.4	7.3
Emmet	135.0	135.0	135.0	23.0	22.9	19.3	5	5	5	9.4	9.5	9.3
Lyon	325.0	350.0	355.0	61.0	65.0	65.0	8.0	7.4	7.4	18.0	20.2	20.2
O'Brien	270.0	290.0	295.0	72.0	75.0	75.0	2.8	2.8	2.9	8.5	9.3	8.4
Osceola	170.0	175.0	165.0	35.0	37.0	33.1	2.6	2.6	2.7	4.8	4.9	5.0
Palo Alto	255.0	245.0	230.0	25.0	22.5	21.4	9	9	9	6.4	7.2	6.2
Plymouth	525.0	565.0	530.0	76.0	75.0	75.0	3.6	4.1	4.2	25.3	26.2	22.3
Pocahontas	225.0	220.0	210.0	24.0	22.3	18.8	6	6	6	3.5	3.6	3.5
Sioux	620.0	650.0	678.0	217.0	214.1	192.0	13.1	13.4	14.0	11.3	11.3	11.6
N.W. District	3,450	3,600.0	3,538.0	700.0	695.0	645.0	37.0	37.0	38.0	136.0	145.0	135.0
Butler	320.0	315.0	310.0	15.0	16.5	13.9	5.6	5.5	5.5	10.3	10.2	9.6
Cerro Gordo	235.0	240.0	225.0	14.0	12.6	10.6	1.2	1.2	1.1	7.3	7.8	7.6
Floyd	175.0	180.0	170.0	12.0	11.7	9.9	2.3	2.1	2.2	7.5	8.3	7.1
Franklin	320.0	324.0	300.0	26.0	25.8	21.7	1.6	1.6	1.5	9.5	9.4	8.9
Hancock	285.0	290.0	310.0	17.0	16.3	13.7	2.0	1.9	1.9	5.6	5.5	4.7
Humboldt	160.0	165.0	165.0	16.0	17.6	14.8	9	8	8	2.6	2.6	2.3
Kossuth	455.0	475.0	500.0	37.5	38.0	33.0	2.8	2.8	2.9	8.7	9.2	8.4
Mitchell	255.0	275.0	255.0	20.0	24.0	22.0	5.8	5.2	5.3	7.2	7.1	6.9
Winnebago	140.0	150.0	150.0	6.0	5.4	5.0	1.5	1.5	1.5	2.2	2.2	1.9
Worth	115.0	120.0	125.0	8.5	7.7	6.5	1.5	1.7	1.6	3.3	3.6	3.1
Wright	190.0	190.0	180.0	16.0	14.4	12.9	.8	.7	.7	3.8	4.1	3.5
N.C. District	2,650.0	2,724.0	2,700.0	190.0	190.0	164.0	26.0	25.0	25.0	68.0	70.0	64.0
Allamakee	155.0	165.0	155.0	10.0	11.0	10.6	25.0	24.0	24.2	31.8	32.5	31.5
Black Hawk	180.0	190.0	190.0	18.5	16.7	16.3	5.0	5.0	5.0	7.2	7.3	6.2
Bremer	145.0	155.0	150.0	9.5	10.1	9.2	11.1	11.5	11.0	5.1	5.5	4.7
Buchanan	320.0	325.0	330.0	16.0	17.6	15.9	7.9	8.1	8.1	12.9	13.1	11.2
Chickasaw	210.0	200.0	195.0	13.5	14.8	14.4	6.6	5.9	5.9	11.3	11.0	9.4
Clayton	395.0	380.0	350.0	15.5	16.6	15.6	32.0	32.0	31.7	27.1	28.6	24.5
Delaware	625.0	585.0	560.0	18.0	19.2	18.8	25.0	24.4	23.3	11.1	11.6	11.3
Dubuque	400.0	395.0	365.0	29.0	31.9	29.6	36.0	36.7	35.9	22.1	22.2	19.3
Fayette	355.0	355.0	335.0	25.0	25.9	25.8	25.0	24.6	24.6	16.8	18.0	17.6
Howard	130.0	130.0	120.0	9.0	9.9	8.4	10.4	10.4	10.3	13.4	14.3	12.2
Winneshiek	265.0	270.0	250.0	21.0	21.3	20.4	32.0	31.0	31.0	24.2	26.0	22.1
N.E. District	3,180.0	3,150.0	3,000.0	185.0	195.0	185.0	216.0	214.0	211.0	183.0	190.0	170.0
Audubon	310.0	290.0	270.0	36.0	39.6	35.4	1.5	1.5	1.5	17.6	17.7	15.5
Calhoun	220.0	210.0	225.0	36.0	32.4	28.0	.3	.4	.4	9.3	9.1	8.8
Carroll	435.0	420.0	405.0	99.0	105.0	97.0	1.7	1.9	1.9	14.7	14.7	14.2
Crawford	380.0	350.0	325.0	49.0	50.0	49.0	2.9	2.9	2.9	31.0	31.1	27.8
Greene	230.0	215.0	220.0	23.0	25.3	24.3	.2	.2	.2	15.1	15.2	14.7
Guthrie	145.0	150.0	150.0	20.0	18.0	18.0	1.2	1.2	1.2	27.6	26.3	23.0
Harrison	150.0	140.0	140.0	14.0	12.6	12.7	1.3	1.4	1.4	18.1	18.6	15.0
Ida	220.0	225.0	215.0	53.0	55.0	46.2	1.5	1.5	1.5	14.9	14.7	14.2
Monona	135.0	125.0	120.0	27.0	29.2	28.2	.7	.7	.7	15.0	15.1	12.9
Sac	340.0	345.0	325.0	74.0	70.0	59.0	2.0	1.9	1.9	16.1	16.5	15.8
Shelby	385.0	355.0	345.0	39.0	42.9	38.1	1.6	1.6	1.6	21.0	21.8	20.2
Woodbury	350.0	325.0	310.0	90.0	85.0	76.0	1.6	1.8	1.8	30.6	29.2	24.9
W.C. District	3,300.0	3,150.0	3,050.0	560.0	565.0	512.0	16.5	17.0	17.0	231.0	230.0	210.0
Boone	200.0	210.0	225.0	25.0	25.6	21.6	.4	.6	.6	9.6	10.2	8.7
Dallas	140.0	150.0	145.0	21.0	21.8	21.2	.4	.4	.4	13.3	14.7	12.1
Grundy	250.0	240.0	235.0	36.0	39.4	39.0	2.1	2.2	2.3	9.1	9.3	9.0
Hamilton	265.0	285.0	265.0	27.0	24.3	20.5	.4	.4	.4	3.8	3.8	3.3
Hardin	315.0	315.0	290.0	53.0	47.7	46.5	.8	.8	.8	13.3	13.6	13.2
Jasper	380.0	370.0	345.0	33.0	32.4	32.0	3.2	3.2	3.3	25.7	26.1	23.8
Marshall	160.0	170.0	180.0	24.0	23.8	23.2	.9	.8	.8	20.3	20.6	17.6
Polk	75.0	70.0	70.0	7.0	7.1	7.0	.6	.6	.6	7.8	7.6	6.5
Poweshiek	210.0	225.0	230.0	18.0	18.4	18.7	2.0	1.9	2.9	28.2	28.8	27.6
Story	180.0	185.0	195.0	16.0	14.4	14.6	1.3	1.3	1.3	7.7	7.5	7.3
Tama	290.0	290.0	270.0	27.0	28.4	25.8	2.0	2.2	2.0	25.3	27.0	24.8
Webster	135.0	140.0	150.0	13.0	11.7	9.9	.6	.6	.6	5.9	6.3	6.1
C. District	2,600.0	2,650.0	2,600.0	300.0	295.0	280.0	14.8	15.0	15.0	170.0	175.0	160.0

hogs and grain fed cattle marketed and cows and heifers* that have calved (continued)

	Hogs Marketed (000)			Grain Fed Cattle Marketed (000)			Milk Cows (000)			Beef Cows (000)		
	1980	1981r	1982e	1980	1981r	1982r	1981	1982r	1983e	1981e	1982r	1983e
Benton	335.0	325.0	310.0	41.0	42.6	39.2	3.2	3.4	3.5	18.4	18.7	17.3
Cedar	445.0	410.0	385.0	27.0	24.3	23.4	2.2	2.6	2.7	15.4	16.6	14.2
Clinton	360.0	350.0	335.0	67.0	65.0	58.0	5.0	5.0	5.0	18.1	19.5	18.8
Iowa	315.0	340.0	350.0	26.0	28.6	27.4	2.3	2.4	2.5	30.6	33.0	28.1
Jackson	215.0	200.0	185.0	33.0	29.7	28.3	12.1	12.6	12.0	31.5	34.1	29.0
Johnson	395.0	380.0	360.0	16.0	17.6	14.8	3.3	3.7	3.4	24.6	26.6	22.7
Jones	325.0	335.0	320.0	36.0	32.4	27.3	6.9	6.4	6.7	22.2	22.2	19.9
Linn	200.0	215.0	205.0	15.0	15.9	14.4	5.0	4.8	4.4	16.6	16.6	14.9
Muscatine	180.0	170.0	165.0	11.0	12.0	11.1	2.0	2.0	1.9	12.8	12.6	11.3
Scott	280.0	275.0	285.0	23.0	21.9	21.1	3.0	3.1	2.9	9.8	10.1	8.8
E.C. District	3,050.0	3,000.0	2,900.0	295.0	290.0	265.0	45.0	46.0	45.0	200.0	210.0	185.0
Adair	245.0	235.0	230.0	20.0	22.0	22.4	2.0	1.9	1.9	36.0	36.5	31.1
Adams	130.0	135.0	130.0	10.0	9.8	9.9	.6	.6	.6	24.9	23.9	22.4
Cass	235.0	220.0	235.0	38.0	38.9	39.6	.9	1.0	1.0	27.7	27.6	25.1
Fremont	80.0	75.0	75.0	23.0	23.5	23.9	.5	.5	.5	15.4	14.6	12.5
Mills	68.0	70.0	70.0	26.0	28.6	26.0	.3	.3	.3	10.8	20.4	9.0
Montgomery	137.0	135.0	145.0	20.0	22.0	21.4	.7	.7	.7	17.7	16.6	15.8
Page	200.0	190.0	195.0	21.0	23.1	21.1	.9	.9	.9	22.7	20.6	19.6
Pottawattamie	255.0	265.0	250.0	95.0	99.4	92.9	1.1	1.3	1.3	26.7	26.3	24.8
Taylor	130.0	125.0	120.0	7.0	7.7	7.8	.6	.8	.8	29.1	28.6	24.7
S.W. District	1,480.0	1,450.0	1,450.0	260.0	275.0	265.0	7.6	8.0	8.0	211.0	205.0	185.0
Appanoose	54.0	55.0	55.0	3.0	2.7	2.7	.8	.8	.8	32.2	30.6	26.1
Clarke	82.0	85.0	85.0	3.7	4.0	4.0	.4	.6	.6	25.3	24.1	22.9
Decatur	55.0	55.0	55.0	4.3	3.9	3.9	.9	.8	.8	33.3	31.1	29.5
Lucas	69.0	70.0	75.0	4.4	4.8	4.6	.7	.7	.7	23.0	21.8	18.6
Madison	165.0	170.0	160.0	9.8	10.7	10.6	1.1	1.1	1.1	32.9	29.7	28.0
Marion	270.0	260.0	250.0	14.0	12.6	12.4	2.2	2.6	2.6	21.3	20.2	19.2
Monroe	94.0	95.0	100.0	3.5	3.8	3.8	1.4	1.3	1.3	32.4	29.2	24.9
Ringgold	125.0	120.0	125.0	5.5	6.0	6.0	.9	1.0	1.0	38.5	35.6	31.9
Union	110.0	105.0	100.0	7.3	8.0	7.5	.8	.8	.8	32.6	29.1	27.6
Warren	160.0	165.0	175.0	7.5	7.0	6.5	2.2	2.1	2.1	26.7	25.3	21.6
Wayne	65.0	70.0	70.0	7.0	6.5	6.0	1.2	1.2	1.2	36.8	33.3	29.7
S.C. District	1,249.0	1,250.0	1,250.0	70.0	70.0	68.0	12.6	13.0	13.0	335.0	310.0	280.0
Davis	80.0	75.0	75.0	3.5	3.2	3.1	2.7	2.9	2.9	27.6	28.8	24.5
Des Moines	105.0	100.0	95.0	10.0	9.0	9.1	.8	.8	.8	13.4	13.1	11.2
Henry	225.0	210.0	195.0	9.5	8.6	8.2	.5	.5	.5	14.2	13.6	13.2
Jefferson	145.0	150.0	145.0	7.0	7.7	7.3	.8	.8	.8	14.1	14.7	14.3
Keokuk	360.0	375.0	375.0	11.5	12.6	11.7	1.0	1.0	1.0	25.4	25.2	23.4
Lee	200.0	185.0	190.0	14.5	15.6	14.5	2.6	2.7	2.8	14.8	15.1	14.7
Louisa	130.0	120.0	120.0	7.5	7.7	7.3	.1	.1	.1	7.1	6.5	6.0
Mahaska	465.0	445.0	450.0	36.5	33.1	32.8	2.0	2.3	2.2	17.2	17.7	17.2
Van Buren	105.0	100.0	95.0	4.5	4.1	4.1	.9	.9	.9	25.7	24.2	23.2
Wapello	115.0	110.0	115.0	7.5	6.8	6.9	.8	.8	.8	22.9	21.7	18.5
Washington	520.0	480.0	495.0	18.0	16.6	14.0	1.2	1.2	1.2	18.6	19.4	18.8
S.E. District	2,450.0	2,350.0	2,350.0	130.0	125.0	119.0	13.5	14.0	14.0	201.6	200.0	185.0
State	23,409.0	23,324.0	22,838.0	2,690.0	2,700.0	2,503.0	389.0	389.0	386.0	1,735.0	1,735.0	1,574.0

*District data totals exceed state totals due to rounding to thousands of head.
r/Revised figures.
e/Estimated figures.
Source: Iowa Crop and Livestock Reporting Service

grain fed sheep and lambs, hens and pullets

	Grain Fed Sheep and Lambs Marketed			Hens and Pullets of Laying Age		
	1980	1981[r]	1982[e]	1980	1981[r]	1982[e]
Buena Vista	8.1	6.5	8.3	59.0	94.0	101.0
Cherokee	2.7	2.6	3.7	14.5	10.0	10.0
Clay	5.1	5.9	8.6	175.0	134.0	123.0
Dickinson	2.3	2.3	3.3	98.0	141.0	144.0
Emmet	.7	.6	.8	80.0	62.0	64.0
Lyon	7.1	7.2	9.4	50.5	50.0	46.0
O'Brien	3.1	3.0	3.9	63.0	62.0	64.0
Osceola	9.8	19.0	25.0	67.0	82.0	76.0
Palo Alto	3.7	3.5	4.5	105.0	140.0	141.0
Plymouth	2.5	2.4	3.3	93.0	71.0	71.0
Pocahontas	4.4	3.6	5.2	160.0	183.0	193.0
Sioux	1.5	1.4	2.0	485.0	531.0	562.0
Northwest District	51.0	58.0	78.0	1,450.0	1,560.0	1,595.0
Butler	1.4	1.1	1.5	185.0	175.0	176.0
Cerro Gordo	1.7	1.4	2.0	66.0	75.0	104.0
Floyd	2.0	1.6	2.2	103.0	70.0	63.0
Franklin	7.5	6.1	8.6	235.0	270.0	270.0
Hancock	4.7	3.7	4.8	43.0	70.0	82.0
Humboldt	2.1	1.7	2.3	40.0	29.0	27.0
Kossuth	3.0	2.4	3.5	245.0	281.0	279.0
Mitchell	2.7	2.1	2.7	380.0	408.0	370.0
Winnebago	1.4	1.1	1.5	36.0	29.0	27.0
Worth	1.6	1.3	1.8	29.0	25.0	23.0
Wright	1.9	1.5	2.1	48.0	36.0	32.0
North Central District	30.0	24.0	33.0	1,410.0	1,468.0	1,453.0
Allamakee	.7	.6	.8	41.0	37.0	35.0
Black Hawk	1.7	1.2	1.7	103.0	94.0	87.0
Bremer	2.5	1.6	2.2	66.0	70.0	74.0
Buchanan	2.3	1.8	2.5	81.0	70.0	70.0
Chickasaw	.8	.6	.8	105.0	89.0	91.0
Clayton	2.0	1.5	2.1	112.0	150.0	145.0
Delaware	.6	.5	.7	51.0	75.0	70.0
Dubuque	.8	.7	1.0	56.0	47.0	49.0
Fayette	1.4	1.2	1.7	245.0	260.0	253.0
Howard	1.6	1.2	1.7	85.0	66.0	69.0
Winneshiek	2.6	2.1	2.8	155.0	170.0	175.0
Northeast District	17.0	13.0	18.0	1,100.0	1,128.0	1,118.0
Audubon	3.0	3.9	5.2	75.0	78.0	70.0
Calhoun	5.4	5.0	6.3	74.0	67.0	68.7
Carroll	1.0	1.0	1.4	18.0	17.0	16.0
Crawford	3.3	4.2	5.3	100.0	110.0	98.0
Greene	4.7	4.8	6.3	6.8	5.7	5.1
Guthrie	2.4	1.9	2.6	93.0	84.0	76.0
Harrison	1.3	1.1	1.4	7.3	12.0	11.0
Ida	2.6	2.1	2.7	13.0	12.5	13.0
Monona	1.6	1.5	1.9	8.9	7.8	8.2
Sac	3.7	3.5	4.7	115.0	129.0	115.0
Shelby	1.8	1.7	2.3	29.0	24.0	22.0
Woodbury	6.2	5.3	6.9	10.0	11.0	11.0
West Central District	26.0	36.0	47.0	550.0	558.0	514.0
Boone	3.3	2.5	3.6	190.0	210.0	217.3
Dallas	.7	.7	1.0	145.0	155.0	164.0
Grundy	33.5	14.5	16.3	33.0	26.0	23.0
Hamilton	1.1	1.0	1.4	97.0	103.0	101.0
Hardin	1.1	1.0	1.4	60.0	102.0	107.0
Jasper	2.2	2.1	3.0	61.0	56.0	50.0
Marshall	1.8	1.7	2.4	50.0	54.0	54.0
Polk	1.4	1.3	1.8	9.0	7.9	7.7
Poweshiek	2.2	2.1	2.9	51.0	55.0	49.0
Story	3.2	2.8	4.0	94.0	100.0	97.0
Tama	1.8	1.7	2.4	115.0	97.0	96.0
Webster	.7	.6	.8	820.0	992.1	940.0
Central District	53.0	32.0	41.0	1,725.0	1,958.0	1,906.0
Benton	3.0	2.2	2.8	36.5	34.0	30.0
Cedar	5.0	3.7	5.4	31.0	36.0	33.0
Clinton	1.3	1.1	1.6	51.0	44.0	45.0
Iowa	4.2	3.3	4.2	29.0	19.0	18.0
Jackson	.8	.7	1.0	67.0	54.0	56.0
Johnson	13.9	12.1	17.0	125.0	124.0	125.0
Jones	1.6	1.3	1.8	15.0	12.0	12.0
Linn	1.7	1.6	2.3	52.0	44.0	45.0
Muscatine	1.4	1.1	1.6	13.0	11.0	11.0
Scott	1.1	.9	1.3	90.0	69.0	61.0
East Central District	34.0	28.0	39.0	510.0	447.0	436.0
Adair	5.8	4.5	6.3	12.0	9.8	10.0
Adams	1.8	1.4	2.0	5.5	5.2	4.7
Cass	7.4	5.7	7.7	7.7	6.3	6.6
Fremont	.3	.3	.4	2.1	1.9	2.0
Mills	.6	.5	.7	3.2	2.7	2.5
Montgomery	2.1	1.9	2.7	7.3	6.4	6.7
Page	1.1	.9	1.3	8.7	6.7	6.7
Pottawattamie	2.2	1.9	2.7	41.0	41.0	43.0
Taylor	3.7	2.9	4.2	32.5	44.0	42.8
Southwest District	25.0	20.0	28.0	120.0	124.0	125.0
Appanoose	4.3	3.2	4.6	2.6	2.5	2.5
Clarke	1.0	.8	1.1	5.0	4.0	3.8
Decatur	1.1	1.0	1.4	2.8	2.5	2.5
Lucas	5.2	4.1	5.9	25.0	41.0	43.0
Madison	2.0	2.0	2.7	26.0	22.0	22.0
Marion	7.0	5.4	7.3	93.0	71.0	69.0
Monroe	3.4	3.1	4.5	15.5	14.0	14.0
Ringgold	7.4	1.3	1.8	17.5	12.0	11.0
Union	.9	1.0	1.4	2.6	2.2	2.0
Warren	1.3	1.2	1.6	55.0	95.0	95.0
Wayne	2.4	1.9	2.7	15.0	9.8	9.2
South Central District	30.0	25.0	35.0	260.0	276.0	274.0
Davis	3.3	7.2	10.0	66.0	68.0	69.0
Des Moines	1.1	1.0	1.4	35.0	30.0	27.0
Henry	6.5	5.1	7.4	25.0	74.0	74.0
Jefferson	2.9	2.8	4.0	8.0	7.0	6.9
Keokuk	6.8	7.5	11.0	75.0	87.0	88.0
Lee	2.8	2.3	3.3	14.0	10.1	8.9
Louisa	1.0	.8	1.1	3.5	3.3	3.0
Mahaska	2.4	1.9	2.4	195.0	175.0	182.0
Van Buren	2.6	2.1	2.7	8.5	6.6	5.9
Wapello	1.2	1.1	1.6	135.0	110.0	105.0
Washington	5.4	4.2	6.1	210.0	210.0	209.3
Southeast District	36.0	36.0	51.0	775.0	781.0	779.0
State	313.0	272.0	370.0	7,900.0	8,300.0	8,200.0

r = revised.
e = estimates.
Source: Iowa Crop and Livestock Reporting Service.

Iowa is surprisingly industrial

Since Iowa is often considered an agricultural state, many people do not realize industry generates about three times as much in total revenue as does agriculture.

Because Iowa workers are among the most highly educated and are more productive than the national average, capital intensive, well-paying industries are attracted to the state. One hundred twenty-five of *Fortune's* "Top 500" companies have manufacturing plants in Iowa.

INDUSTRIAL DEVELOPMENT ACTIVITY IN IOWA

	New Industry		Expansions		Totals	
	Number	Capital Investment (000)	Number	Capital Investment (000)	Number	Capital Investment (000)
1973	98	202,801	277	322,477	375	525,278
1974	88	85,268	227	275,919	315	361,187
1975	61	88,135	125	183,982	186	272,117
1976	75	58,884	156	318,343	231	377,227
1977	75	59,732	113	321,821	188	381,553
1978	75	72,603	130	398,414	205	471,017
1979	100	275,096	176	491,709	276	766,805
1980	87	410,920	144	233,974	231	644,894
1981r	81	62,321	160	377,419	241	439,740
1982	60	124,295	96	81,694	156	205,989
10 yr. Totals	800	1,440,054	1,604	3,005,750	2,404	4,445,805

Source: Industrial Development Division, Iowa Development Commission

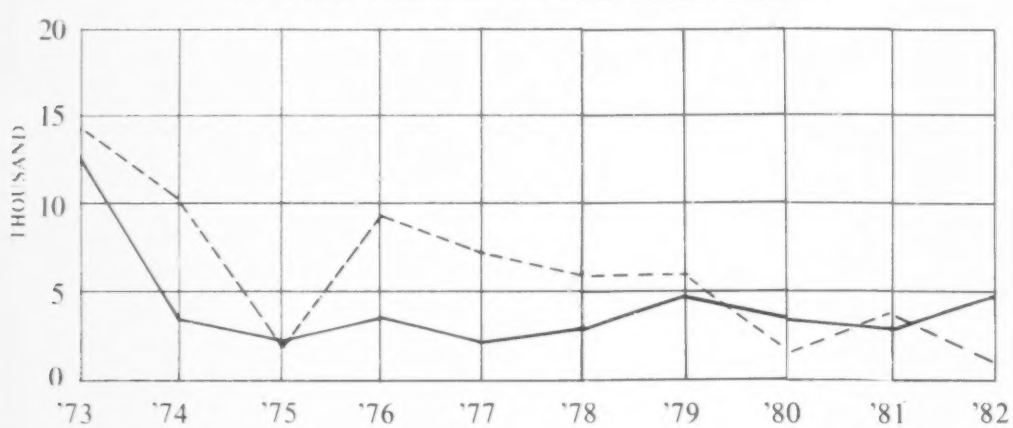
workers are 17% better

Compared to the average American production worker, Iowans are 17% more productive. They put in the equivalent of 60.8 weeks a year, or 46.8 hours a week when stacked against the national average.

This means the typical Iowa worker produces $7,400 more value per year than his average counterpart throughout America.

Iowa workers work.

NEW JOBS CREATED IN MANUFACTURING



NEW INDUSTRY ---------- PLANT EXPANSIONS

10 YR. TOTALS - NEW INDUSTRY	41,902
PLANT EXPANSIONS	61,745
TOTAL	103,647

Source: Industrial Development Division, Iowa Development Commission.

Check the advantages of locating facilities in Iowa. Each year new factors conducive to growth and expansion are added to Iowa's growing list of industrial advantages.

industrial revenue bonds, 1982

Iowa law permits city and county governments to authorize revenue bonds for up to $10 million, for buildings, buying land and equipping plants. The table below shows bonds issued 1980 through 1982.

City	Amount ($000)	Employment[1] Initial
1980		
Albia	300	A
Alden	50	A
Ames	430	A
Ankeny	850	B
Bettendorf	725	A
Boone	300	A
Boone	900	A
Boyden	500	B
Camanche	500	D
Cascade	350	A
Cedar Falls	600	A
Cedar Rapids	560	E
Cedar Rapids	550	A
Cedar Rapids	3,000	B
Cedar Rapids	560	A
Cedar Rapids	3,000	B
Cedar Rapids	2,500	C
Cedar Rapids	670	A
Centerville	650	B
Chariton	450	C
Chariton	4,000	B
Chickasaw County	400	A
Clare	200	A
Clive	425	A
Clive	1,900	A
Clive	750	A
Clive	750	A
Clive	300	A
Council Bluffs	220	A
Council Bluffs	400	A
Corydon	500	A
Dallas County	4,500	D
Davenport	9,630	D
Davenport	500	A
Denison	2,000	A
Des Moines	700	A
Des Moines	315	A
Des Moines	400	A
Dexter	350	A
Dubuque	1,000	A
Eldridge	475	A
Eldridge	300	A
Estherville	550	B
Fairfield	660	A
Fort Dodge	4,400	C
Forest City	150	B
Greene County	1,750	A
Greenfield	4,750	A
Iowa City	1,500	C
Jasper County	600	A
LeMars	1,000	A
Manchester	9,000	A
Marcus	1,500	D
Marengo	10,000	C
Mason City	450	A
Mason City	4,500	D
Mount Pleasant	4,500	A
Muscatine County	3,500	A
Newton	600	A
Ocheyedan	200	A
Oelwein	565	B
Orange City	1,500	A
Orange City	1,000	B
Orange City	500	A
Oskaloosa	500	A
Pella	400	A
Pella	175	A
Polk County	225	A
Polk County	250	A
Polk County	400	A
Polk County	971	A
Polk County	1,000	A
Polk County	1,000	A
Polk County	500	A
Preston	500	A
Sibley	600	B
Sioux City	500	A
Spencer	683	D
Spencer	250	A
Spencer	250	A
Steamboat Rock	150	A
Storm Lake	3,990	A
Tama	800	A
Tipton	700	B
Wapello	900	B
Waterloo	450	A
Webster City	400	A
Webster City	500	A
West Des Moines	925	A
West Des Moines	340	A
1981		
Adel	200	A
Adel	200	A
Alden	600	A
Altoona	700	A
Appanoose County	700	A
Bettendorf	440	A
Bettendorf	420	A
Boone County	800	A
Boone County	325	A
Burlington	6,000	A
Burlington	2,000	A
Burlington	1,700	A
Burlington	300	B
Camanche	4,500	C
Camanche	600	A
Camanche	250	A
Cedar Falls	500	A
Cedar Rapids	560	A
Cedar Rapids	1,000	A
Cedar Rapids	900	B
Cedar Rapids	400	A
Cedar Rapids	500	A
Cedar Rapids	825	A
Cedar Rapids	825	A
Cedar Rapids	1,000	A
Cedar Rapids	720	A
Cedar Rapids	750	A
Cedar Rapids	1,000	A
Cedar Rapids	7,000	A
Cedar Rapids	340	A
Cedar Rapids	435	A
Cedar Rapids	288	A
Cedar Rapids	500	A
Charles City	135	A
Charles City	400	A
Clarinda	75	A
Clear Lake	3,000	A
Clear Lake	400	B
Clinton	3,200	B
Clive	1,700	A
Clive	500	A
Corning	4,500	D
Council Bluffs	300	A
Council Bluffs	1,000	A
Council Bluffs	220	A
Council Bluffs	850	A
Council Bluffs	415	A
Council Bluffs	300	A
Council Bluffs	300	A
Council Bluffs	400	A
Davenport	700	A
Davenport	550	A
Davenport	600	A
Davenport	700	A
Davenport	806	C
Davenport	550	A
Davenport	5,500	A
Des Moines	2,000	A
Des Moines	1,000	A
Des Moines	450	A
Des Moines	6,000	A
Des Moines	10,250	A
Des Moines	3,000	A
Des Moines	1,000	A
Des Moines	3,875	A
Des Moines	1,200	A
Dubuque	440	A
Dubuque	1,600	A
Dubuque	430	A
Dumont	140	A
Eldridge	1,150	D
Eldridge	1,150	A
Eldridge	450	A
Eldridge	575	A
Eldridge	1,200	A
Eldridge	350	A
Eldora	700	A
Estherville	300	A
Fairfield	250	A
Fort Dodge	200	A
Fort Dodge	3,400	A
Fort Dodge	450	B
Gilmore	400	A
Grundy Center	1,000	B
Harlan	600	A
Harlan	700	A
Indianola	450	A
Iowa City	100	A
Iowa City	70	A
Iowa City	150	A
Iowa City	150	A
Iowa City	70	A
Iowa City	100	A
Iowa City	1,600	A
Iowa Falls	190	A
Iowa Falls	1,000	A
Iowa Falls	1,000	A
Jefferson	1,000	A
Johnston	1,550	B
Knoxville	150	A
Knoxville	65	A
Le Mars	1,500	A
Le Mars	400	A
Marion	900	A
Marshalltown	450	A
Mason City	200	A
Mason City	360	A
Mason City	1,000	A
Mason City	350	A
Mason City	275	A
Mason City	1,000	A
Mason City	375	A
Mediapolis	560	C
Monticello	400	A
Muscatine	3,600	A
Ottumwa	1,360	B
Ottumwa	400	A
Ottumwa	800	A
Ottumwa	400	A
Ottumwa	450	B
Parkersburg	110	A
Polk County	1,125	A
Polk County	800	A
Redfield	36	A
Rippey	800	A
Ryan	350	A
Sioux Center	650	B
Sioux Center	600	B
Sioux Center	1,000	B
Sioux City	350	A
Sioux City	200	A
Sioux City	1,500	A
Sioux City	850	A
Sioux City	1,200	A
Van Buren Co	1,400	A
Washington	205	A
Waterloo	200	A
Waterloo	650	A
Waverly	1,400	B
Waverly	700	A
Webster City	500	A
Webster City	2,000	A
Webster Co	3,900	A
West Des Moines	660	A
West Des Moines	500	A
West Des Moines	1,500	A
Wilton	500	B
1982		
Altoona	2,000	A
Altoona	1,000	A
Ames	227	A
Ames	500	A
Ames	300	A
Ames	275	A
Ankeny	950	A
Belle Plaine	250	A
Bettendorf	2,000	A
Bettendorf	1,500	A
Camanche	500	A
Casey	200	A
Cedar Rapids	450	A
Cedar Rapids	1,375	A
Cedar Rapids	300	A
Cedar Rapids	85	A
Cedar Rapids	530	A
Cedar Rapids	1,700	A
Cedar Rapids	900	A
Cedar Rapids	700	A
Cedar Rapids	500	A
Cedar Rapids	1,000	A
Cedar Rapids	800	A
Cedar Rapids	850	A
Cedar Rapids	800	A
Cedar Rapids	800	A
Cerro Gordo County	1,000	A
Charles City	750	A
Charles City	250	A
Chickasaw County	400	A
Columbus Junction	165	A
Coralville	600	A
Davenport	300	A
Davenport	1,500	A
DeWitt	725	A
DeWitt	4,000	B
Denver	125	A
Des Moines	1,000	A
Des Moines	2,400	A
Des Moines	500	A
Des Moines	900	B
Des Moines	1,500	B
Des Moines	800	A
Des Moines	3,875	B
Dexter	200	A
Dubuque	300	A
Dubuque	3,000	D
Durant	1,000	A
Dysart	1,000	A
Eldora	360	A
Eldridge	190	A
Forest City	130	A
Fort Dodge	570	A
Fort Dodge	300	A
Fort Dodge	350	A
Fort Dodge	3,000	B
Harper	415	A
Hastings	100	A
Hedrick	1,000	A
Henderson	75	A
Iowa City	434	A
Iowa City	95	A
Iowa City	460	A
Iowa City	100	A
Iowa City	165	A
Iowa City	2,000	A
Iowa City	5,400	A
Iowa Falls	350	A
Johnston	1,550	A
Kalona	165	A
Kalona	350	A
Keosauqua	200	B
Knoxville	200	A
Knoxville	32	A
Le Mars	100	A
Lime Springs	1,000	A
Lone Tree	300	A
Louisa County	500	A
Marshalltown	350	A
Mount Pleasant	3,700	A
Mount Pleasant	200	A
Muscatine	675	A
Nevada	150	B
Newton	400	A
Norwalk	300	A
Oelwein	2,000	A
Oelwein	450	A
Oskaloosa	155	A
Oskaloosa	650	A
Ottumwa	600	A
Ottumwa	900	A
Pella	345	A
Pleasant Hill	475	A
Randolph	115	A
Sheldon	150	A
Sibley	1,750	B
Sioux City	60	A
Sioux City	2,000	A
Sioux City	10,000	A
Spencer	1,400	A
Spencer	1,200	A
Stanwood	250	A
Steamboat Rock	370	A
Storm Lake	3,200	B
Storm Lake	9,700	F
Stuart	300	A
Treynor	800	A
Urbandale	1,325	A
Waterloo	750	A
West Chester	120	A
West Des Moines	9,200	B
West Liberty	75	A
Worth County	400	B
1982 Total	909,967	

N/A = Not Available

[1]Employment Code A=1-20, B=21-50, C=51-100, D=101-250, E=251-500, F=501-1,000, G=Over 1,000.

Source: Industrial Development Division, Iowa Development Commission.

Iowa gives tax break for pollution control

Iowa law includes revenue bond financing for pollution control facilities. Under Internal Revenue regulations, such bonds are tax-free for th investor. Table shows bonds issued 1979 through 1982.

City	Amount ($000)	City	Amount ($000)	City	Amount ($000)
1979					
Clinton	6,650	Chillicothe	6,400	Louisa County	21,500
Hancock County	180	Chillicothe	2,400	Louisa County	9,900
Independence	1,000	Chillicothe	1,000	Monticello	370
Lisbon	190	Fort Madison	3,000	**1982**	
1980		**1981**		Glenwood	325
Chillicothe	5,300	Louisa County	25,000	Louisa County	8,000
Chillicothe	6,850	Louisa County	1,000	Louisa County	2,800

Source: Industrial Division, Iowa Development Commission.

health care facility bond issues

Iowa law also allows for revenue bond financing of any voluntary nonprofit hospital and of any clinic or health facility either nonprofit or proprietary. Table shows bonds issues in 1981 and 1982.

City	Amount ($000)	City	Amount ($000)
1981		**1982**	
Burlington	550	Black Hawk County	285
Burlington	660	Burlington	150
Cedar Rapids	500	Cedar Falls	475
Cedar Rapids	150	Cedar Rapids	600
Cedar Rapids	250	Cedar Rapids	300
Centerville	80	Clinton	980
Cresco	900	Davenport	1,700
Denison	195	Dubuque	3,500
Des Moines	19,825	Fort Dodge	185
Des Moines	600	Grinnell	2,700
Floyd County	275	Iowa City	19,975
Knoxville	700	Mason City	365
Lake City	2,500	Polk City	14,500
Mason City	450	Sioux City	4,000
Toledo	1,500	Sioux City	600
Urbandale	640	Sioux City	1,000
West Des Moines	1,250	Sioux City	3,000
Williamsburg	220	Stacyville	200
Wilton	300	Wall Lake	100
Total	31,545	Total	54,615

Source: Industrial Division, Iowa Development Commission.

125 of top 500 have 282 plants in Iowa

Company	Rank	Company	Rank	Company	Rank	Company	Rank
Air Products & Chemicals Inc.	223	Dow Chemical Company	27	International Telephone & Telegraph	16	Signal Companies	69
Aluminum Co. of America	74	Dow Jones	360	Kaiser Aluminum and Chemical Corp.	138	Sonoco Products Company	431
AMAX	161	Dresser Industries	83	Kane-Miller Corporation	351	Sperry Rand Corporation	57
American Can Company	89	E. I. du Pont de Nemours	8	Kidde, Inc.	150	Square D Company	287
American Cyanamid	113	Eaton Corporation	147	Land O'Lakes, Inc.	100	St. Regis Paper Company	154
American Hoist & Derrick	467	Emerson Electric	110	Lear Siegler, Inc.	233	Staley, A. E., Manufacturing	219
American Home Products Corporation	76	Esmark	117	Libbey-Owens-Ford Company	280	Standard Oil of California	7
American Standard	178	Ethyl Corporation	216	Litton Industries	68	Standard Oil of Indiana	10
AMF, Inc.	269	Federal Company	266	Manville Corporation	187	Sundstrand	300
Amsted Industries	396	Firestone Tire and Rubber Company	96	MAPCO	183	Swift Independent Packing Company	157
Archer Daniels Midland	102	FMC Corporation	111	Maytag Company, The	482	Sybron Corp.	391
Armco, Inc.	61	Fruehauf Corporation	179	Mead Corporation	149	T.R.W., Inc.	66
Armstrong Rubber Company	417	Gannett Company, Inc.	229	Meredith Corporation	474	Tenneco, Inc.	19
Beatrice Foods Company	35	General Electric Company	11	Minnesota Mining and Manufacturing	44	Textron, Inc.	136
Bendix Corporation	86	General Foods Corporation	39	Monsanto Company	47	Thomas J. Lipton	313
Borg-Warner	120	General Mills	63	Motorola, Inc.	98	Trane Company, The	328
Butler Manufacturing	497	General Motors	2	National Distillers & Chemical Corp.	232	TRW Inc.	66
Carnation Company	116	Georgia-Pacific Corporation	62	National Gypsum	308	Union Carbide Corporation	33
Caterpillar Tractor Company	45	Getty Oil Company	24	North American Phillips Corporation	122	Uniroyal, Inc.	186
Central Soya Company, Inc.	198	Goodyear Tire and Rubber	37	Occidental Petroleum	15	United Brands	93
CertainTeed/Daymond Company	333	Grace, W. R., and Company	50	Parker-Hannifin Corporation	267	United States Gypsum Company	247
Cessna Aircraft	332	Greyhound Corporation	78	Pepsi Company, Inc.	41	United States Steel Corporation	14
Champion International	101	Gulf and Western Industries	60	Pfizer, Inc.	114	Upjohn Company	191
Champion Spark Plug	345	Harnischfeger Corporation	479	Phillips Petroleum	17	Walter, Jim, Corporation	185
Coca-Cola	48	Harsco	297	Proctor and Gamble	23	Western Electric	22
Con Agra	202	Heinz, H. J., Company	103	Quaker Oats Company	146	Weyerhaeuser Company	82
Consolidated Foods	51	Hoover Universal, Inc.	409	Ralston Purina Company	71	Wheelabrater-Frye, Inc.	227
Continental Group	67	Hormel, George A., and Company	239	Rath Packing Company	490	White Consolidated Industries	184
Crane Company	275	I. C. Industries	94	Raytheon	58	Wilson Foods Corporation	173
Dayco Corporation	368	International Harvestor	73	Rexnord, Inc.	305	Witco Chemical Corporation	249
Deere and Company	75	International Multifoods Corporation	268	Rockwell International	42		
Deluxe Check Printers, Inc.	427	International Paper Company	91	Sheller-Globe Corporation	449		

Source: 1983 Fortune Magazine's annual listing of 500 largest manufacturers by sales.

open port warehousing favors distribution

You can move goods into an Iowa warehouse, divide them, repackage them, label them—all without paying any property tax so long as the goods are destined for final delivery outside Iowa.

This is a tremendous advantage to a distributor of, say, consumer goods who ships to major geographic areas in bulk, but breaks shipments into smaller units for delivery into more limited market areas.

Iowa tops production value per worker

	1960	1965	1970	1975	1977	1978
Iowa	$14,076	$19,005	$25,046	$44,001	$51,269	$56,071
Minnesota	15,129	19,621	24,312	37,607	44,008	47,800
Kansas	15,224	19,056	24,805	36,159	44,214	46,514
Illinois	14,914	18,858	24,089	39,225	46,948	51,556
Nebraska	13,892	18,169	24,950	38,254	45,957	48,575
Missouri	13,468	17,065	22,293	34,347	42,640	48,771
Wisconsin	13,762	16,924	21,885	35,403	43,729	47,129
South Dakota	12,170	14,827	19,025	26,488	37,103	41,022
Indiana	14,134	18,218	22,197	34,696	43,374	47,433
Ohio	15,155	19,082	23,544	37,201	46,900	50,796
Midwest Average[1]	14,079	17,941	23,301	36,436	44,614	48,567
United States Average	13,431	17,355	22,193	35,065	42,734	46,184

[1]Average is simple average rather than weighted average of the ten state area including Iowa.
Source: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

Iowa's value-added-per-payroll-dollar ranks high[1]

	1960	1965	1970	1975	1977	1978
Iowa	$1.97	$2.16	$2.22	$2.58	$2.58	$2.64
Minnesota	1.90	2.03	1.94	1.96	1.97	2.03
Kansas	2.06	2.25	2.32	2.48	2.51	2.43
Illinois	1.85	2.02	1.94	2.06	2.14	2.18
Nebraska	2.02	2.31	2.58	2.68	2.54	2.63
Missouri	1.92	1.95	1.92	2.08	2.23	2.29
Wisconsin	1.83	1.93	1.91	2.14	2.27	2.22
South Dakota	1.92	2.02	1.91	2.24	2.45	2.41
Indiana	1.89	2.09	1.97	2.04	2.16	2.19
Ohio	1.69	1.95	1.88	2.02	2.10	2.10
Midwest Average[2]	1.93	2.08	2.09	2.28	2.29	2.31
United States Average	1.96	1.99	1.96	2.10	2.20	2.20

[1]Payroll of all employees.
[2]Average is a simple average rather than a weighted average of ten state area including Iowa.
Source: 1978 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of The Census.

Iowa industrial statistics by cities and counties, 1978

Ind Code		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
	Standard Metropolitan Statistical Areas[1]	246.6	3,725.4	175.6	338.5	2,430.5	9,846.1	16,840.0	26,547.5	840.3	3,093.0
	Cedar Rapids, Iowa	28.6	449.8	16.9	33.8	246.0	1,148.6	1,716.8	2,817.7	74.7	445.4
20	Food and Kindred Products	6.0	102.4	4.0	8.0	63.8	357.9	1,135.4	1,488.1	28.0	77.9
204	Grain Mill Products	3.0	46.9	1.8	3.7	24.4	276.8	360.0	634.2	12.4	37.2
353	Construction, Related Machinery	4.5	80.1	2.9	6.1	51.9	182.4	194.8	350.4	9.0	156.4
	Davenport-Rock Island-Moline, Iowa-Ill	47.0	891.9	33.2	63.8	564.2	1,759.5	2,929.9	4,644.9	195.5	776.9
20	Food and Kindred Products	4.9	82.6	4.0	7.5	61.3	238.3	709.5	944.7	13.3	34.4
201	Meat Products	2.9	50.2	2.5	4.5	41.2	95.7	535.1	627.5	(D)	17.0
33	Primary Metal Industries	5.8	123.4	4.6	9.5	89.6	205.5	583.2	794.3	39.3	256.5
35	Machinery, Except Electric	23.8	480.8	17.6	34.4	337.0	1,057.4	1,387.2	2,394.0	125.5	405.5
353	Construction, Related Machinery	5.9	122.2	4.2	8.1	82.5	219.2	351.7	559.1	72.4	113.3
	Des Moines, Iowa	26.6	405.8	16.4	31.1	241.8	904.5	1,614.5	2,512.9	66.8	248.5
20	Food and Kindred Products	4.8	54.2	2.0	3.9	27.9	164.6	824.5	979.6	11.9	46.3
27	Printing and Publishing	5.9	88.8	3.1	5.7	43.5	217.1	211.4	427.1	18.4	25.6
352	Farm and Garden Machinery	3.7	70.6	2.8	4.8	49.2	140.6	170.7	320.7	(D)	45.7
	Dubuque, Iowa	16.3	306.1	11.9	22.4	212.0	749.0	1,127.9	1,867.2	27.4	226.7
	Omaha, Nebr.-Iowa	36.6	510.4	26.8	52.8	335.5	1,347.5	3,323.9	4,634.8	78.1	197.6
20	Food and Kindred Products	10.0	146.4	7.7	16.2	106.2	499.4	2,215.6	2,692.6	31.0	121.2
201	Meat Products	4.8	68.9	4.2	8.7	57.8	138.5	1,728.4	1,846.0	7.5	55.8
27	Printing and Publishing	4.0	42.0	2.7	4.8	25.4	67.2	55.5	127.7	2.4	4.7
35	Machinery, Except Electric	4.3	66.6	3.6	6.0	40.0	124.5	119.6	244.3	7.7	49.9
36	Electric, Electronic Equip.	3.7	58.7	3.0	5.6	43.1	130.4	87.7	215.9	(D)	32.4
	Sioux City, Iowa-Nebr.	10.4	150.2	6.9	14.6	86.9	297.7	1,919.3	2,204.3	42.5	105.7
20	Food and Kindred Products	5.2	73.7	4.2	8.9	56.8	178.0	1,663.5	1,830.4	22.5	46.1
201	Meat Products	3.8	54.1	3.4	7.2	47.4	91.1	1,322.4	1,404.9	9.7	19.4
	Waterloo-Cedar Falls, Iowa	21.5	397.1	15.8	29.2	280.4	994.4	1,006.0	1,971.6	(D)	255.2

1977

	All establishments[2]		All employees[3]		Production workers			Value added by manufacture (million dollars)	Cost of materials[3] (million dollars)	Value of shipments[3] (million dollars)	New capital expenditures (million dollars)
	Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)				
Counties[4]											
Allamakee	29	6	1.0	8.8	.9	1.7	6.8	26.4	87.a	112.8	1.3
Appanoose	21	7	.9	8.4	.6	1.3	6.3	28.6	24.3	54.2	(D)
Benton	24	6	.6	6.9	.4	.8	4.4	12.0	28.5	41.2	.5
Black Hawk	177	58	20.0	342.0	15.5	29.9	245.1	929.1	952.8	1,870.4	(D)
Boone	31	10	.8	9.8	.6	1.2	6.4	21.7	19.8	41.2	1.7
Carroll	25	8	1.0	13.2	.7	1.4	7.4	22.5	47.9	69.2	1.0
Cass	26	11	.6	6.1	.4	.7	3.6	20.2	32.6	52.3	1.4
Cedar	26	6	.5	5.4	.4	.7	3.5	15.3	29.7	44.9	1.3
Cerro Gordo	63	26	2.5	31.5	1.9	3.8	21.7	80.2	163.2	242.2	19.3
Chickasaw	16	5	1.1	13.0	.9	1.7	9.4	44.3	126.0	168.7	1.5
Clay	38	13	1.9	23.4	1.4	2.9	16.4	38.0	285.1	322.8	3.4
Clayton	36	10	.9	7.9	.8	1.4	5.9	17.3	41.3	59.0	1.1
Clinton	59	32	7.1	97.1	5.4	10.6	68.4	352.8	439.6	798.7	23.2
Delaware	29	9	.8	8.3	.6	1.2	5.9	28.8	47.0	76.3	1.1
Des Moines	63	30	7.5	103.0	5.5	10.7	69.4	319.1	233.8	552.5	15.7
Dickinson	19	5	1.3	12.3	1.1	1.4	7.9	29.9	19.0	46.8	.9
Dubuque	122	49	15.3	273.2	11.0	22.4	198.3	577.1	909.5	1,483.0	32.1
Fayette	42	11	.9	10.3	.7	1.4	6.6	29.2	57.5	87.5	2.4
Franklin	23	7	.9	11.8	.7	1.4	8.8	19.2	29.5	47.9	3.9
Greene	15	7	.6	6.7	.4	.9	4.4	13.0	12.3	25.4	.9
Grundy	20	7	.6	6.5	.4	.9	4.0	12.2	22.5	34.5	.6
Hamilton	42	14	1.2	11.2	.9	1.7	7.6	25.5	54.0	78.9	2.3
Hardin	38	15	1.1	10.5	.9	1.7	7.4	31.8	141.4	173.1	3.3
Henry	24	8	1.5	14.9	1.2	2.5	11.4	63.3	46.6	108.2	2.9
Jackson	31	10	1.1	10.7	.9	1.7	8.1	22.6	54.6	76.4	5.9
Jasper	42	15	4.9	73.2	2.9	5.2	37.6	209.6	152.0	371.3	9.8
Jefferson	27	13	1.8	21.1	1.4	2.6	14.3	44.7	41.5	86.6	1.8
Johnson	63	18	2.7	35.0	2.0	4.2	23.5	273.9	191.7	462.5	5.8
Jones	41	11	.9	9.6	.7	1.3	6.0	28.9	38.1	67.3	1.5
Keosauth	28	6	1.1	14.8	.9	1.8	9.6	65.1	54.6	99.1	2.3
Lee	72	31	7.6	100.0	5.8	11.6	69.8	320.5	461.6	776.4	55.5
Linn	225	80	28.2	404.6	16.7	32.7	220.8	933.1	1,456.0	2,399.4	62.7
Mahaska	29	13	1.3	13.2	.8	1.5	7.4	27.8	46.3	73.9	1.0
Marion	28	8	3.1	42.2	2.6	5.0	32.0	104.6	118.0	220.4	12.9
Marshall	56	22	6.9	109.5	4.1	7.7	58.6	220.3	216.2	432.6	8.7
Montgomery	14	6	1.1	12.1	.8	1.7	8.9	41.7	24.9	66.8	2.2
Muscatine	86	43	7.9	103.7	5.6	10.8	62.4	482.0	482.3	963.7	33.9
Page	22	9	1.4	16.1	1.0	2.1	11.1	63.3	47.7	110.2	1.0
Plymouth	30	9	.6	7.8	.5	1.0	5.3	17.9	112.2	128.8	.7
Polk	438	130	25.2	381.6	15.8	30.8	218.7	877.5	1,439.7	2,329.2	53.9
Pottawattamie	82	23	3.6	38.9	2.9	5.6	26.5	88.9	484.3	569.4	6.5
Poweshiek	28	15	1.5	16.0	1.2	2.3	11.5	42.8	49.1	90.3	2.7
Sac	24	5	.6	6.7	.5	.8	4.5	12.5	21.2	38.1	.5
Scott	184	68	16.7	282.7	12.3	23.2	195.0	553.6	1,085.6	1,583.2	91.9
Sioux	54	17	1.8	19.5	1.5	3.0	13.9	54.1	165.3	218.9	2.9
Story	65	18	3.3	42.2	2.3	4.6	24.7	153.7	117.4	259.3	8.4
Wapello	39	17	3.7	61.9	2.6	4.8	40.8	133.7	234.8	366.8	6.8
Washington	31	9	1.4	15.7	1.0	2.0	9.5	32.1	74.4	109.9	3.4
Webster	64	26	3.7	53.1	2.8	5.9	39.1	145.0	442.8	582.3	6.9
Winneshiek	18	7	.6	5.8	.5	1.0	4.3	14.6	23.0	37.6	1.4
Wright	30	9	.8	8.6	.5	.9	4.6	33.7	213.2	247.8	5.5
All Other Counties	928	247	35.2	426.8	26.1	51.2	289.6	982.1	3,207.0	4,149.2	(D)

[1]Includes administrative offices and auxiliaries. D. Statistics for some industry groups and industries have been withheld to avoid disclosing operations of individual companies and to permit further verification of data for smaller industries.
[2]1978 Annual Survey of Manufactures, Bureau of the Census, U.S. Department of Commerce.
[3]1977 Census of Manufactures, Bureau of the Census, U.S. Department of Commerce.

Iowa industrial information by code

1977

	Industry group and industry[1]	1977											1972	
		All establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	New capital expenditures (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employ-ment (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						
	All Industries	'3,789	'1,245	'239.9	'3,375.4	170.0	331.3	2,189.1	8,715.8	14,906.8	23,509.1	689.4	'215.5	4,757.7
20	Food and Kindred Products	593	258	46.3	679.7	33.3	65.4	468.1	1,837.6	8,061.7	9,922.6	160.1	49.6	1,112.0
201	Meat Products	133	65	24.4	380.7	19.9	37.7	303.7	677.1	4,705.3	5,368.7	58.9	27.5	487.3
2011	Meatpacking Plants	89	41	20.3	334.2	16.3	30.8	268.6	536.3	4,271.5	4,793.3	36.7	24.0	431.7
2013	Sausages and Other Prepared Meats	26	12	2.4	34.2	2.0	4.1	24.9	117.2	310.1	428.5	20.9	1.2	26.0
2016	Poultry Dressing Plants	12	5	.6	3.8	.6	.9	3.2	5.7	37.9	43.4	.2	.9	9.0
2017	Poultry and Egg Processing	7	7	1.1	8.4	1.0	1.9	7.0	17.8	85.8	103.5	1.0	1.4	20.5
202	Dairy Products	107	41	3.6	44.1	2.1	4.7	25.2	137.2	637.7	778.8	6.6	4.3	115.7
2022	Cheese, Natural and Processed	21	10	.9	8.7	.7	1.5	6.8	20.7	183.8	205.7	1.5	.6	17.9
2023	Condensed and Evaporated Milk	17	9	.7	9.2	.6	1.3	7.3	55.7	146.2	202.7	1.0	.9	49.8
2026	Fluid Milk	44	16	1.6	21.6	.6	1.3	8.0	50.1	247.7	298.5	2.3	2.2	37.8
203	Preserved Fruits and Vegetables	18	10	2.0	18.6	1.8	3.4	14.9	88.8	93.3	182.6	4.9	EE	(D)
204	Grain Mill Products	174	69	10.0	154.4	5.9	11.7	84.8	645.7	1,249.2	1,894.0	56.6	9.6	324.9
2046	Wet Corn Milling	6	6	3.3	59.9	2.0	4.0	34.8	189.8	458.8	649.3	36.4	FF	(D)
2048	Prepared Feeds, nec	151	55	3.9	51.1	1.5	3.2	17.6	167.2	495.9	662.4	7.5	3.7	97.2
205	Bakery Products	43	16	2.3	29.2	1.3	2.5	14.9	71.2	54.7	125.9	3.4	3.1	47.2
207	Fats and Oils	41	19	1.4	19.0	1.0	2.1	12.5	94.7	1,182.1	1,309.6	14.3	1.0	46.1
2075	Soybean Oil Mills	18	12	.9	13.2	.6	1.4	8.5	63.7	1,059.1	1,156.5	9.9	.8	38.6
208	Beverages	39	23	1.3	18.6	.5	1.6	4.9	55.3	76.1	130.9	6.9	1.8	35.2
2086	Bottle and Canned Soft Drinks	30	21	1.2	17.6	.5	1.5	4.4	52.1	68.4	119.8	(D)	1.7	32.6
209	Misc. Foods, Kindred Products	31	14	1.2	14.3	.7	1.5	6.5	65.9	61.5	128.7	8.5	.7	25.6
22	Textile Mill Products	9	7	1.2	9.7	1.0	1.5	6.1	24.1	13.2	35.8	.8	.3	2.8
23	Apparel, Other Textile Prods.	78	33	4.4	31.3	3.9	7.4	24.0	68.4	63.9	128.2	(D)	3.5	34.3
232	Men's and Boys' Furnishings	11	10	1.4	8.8	1.3	2.5	7.7	18.4	21.2	36.4	(D)	1.3	10.6
239	Misc. Fabricated Textile Prods.	40	9	.9	7.3	.7	1.3	4.4	15.6	23.8	39.7	(D)	.4	5.3
24	Lumber and Wood Products	174	40	5.2	57.8	4.4	8.3	44.7	134.5	159.0	291.7	9.3	5.0	72.1
243	Millwork, Plywood, Struc. Membs.	35	13	2.6	32.8	2.2	4.3	26.0	70.5	65.7	134.6	5.2	3.0	39.8
245	Wood Buildings and Mobile Homes	24	16	1.5	15.0	1.2	2.2	11.0	43.4	70.0	112.9	2.2	.9	19.1
25	Furniture and Fixtures	66	24	4.0	51.6	3.1	5.8	32.3	112.8	93.9	204.9	(D)	3.8	65.8
251	Household Furniture	30	11	1.8	21.2	1.4	2.6	13.2	38.8	39.6	78.2	(D)	1.9	27.0
2512	Upholstered Household Furniture	11	6	1.2	16.7	.9	1.7	9.8	27.7	26.3	53.9	(D)	1.3	18.5
26	Paper and Allied Products	56	37	4.8	60.1	3.7	7.4	41.6	157.0	241.6	395.1	8.7	4.2	89.9
264	Misc. Converted Paper Products	26	18	2.2	24.9	1.7	3.3	16.8	83.0	105.5	185.7	2.9	1.7	40.1
2641	Paper Coating and Glazing	8	6	.7	9.9	.5	1.1	6.2	33.4	66.2	98.0	1.6	.5	13.7
2643	Bags, Except Textile Bags	6	5	1.1	11.0	.9	1.7	8.2	40.7	30.2	70.0	.8	1.1	23.5
265	Paperboard Containers and Boxes	20	16	2.3	29.5	1.8	3.4	20.5	62.0	117.7	179.0	3.9	2.2	40.7
27	Printing and Publishing	775	136	14.6	168.4	8.1	15.0	83.9	413.7	299.6	711.2	28.0	13.6	227.6
2711	Newspapers	306	54	5.6	56.1	2.4	4.0	21.4	133.6	39.5	173.0	9.0	5.5	85.7
275	Commercial Printing	319	44	3.5	39.9	2.6	4.6	25.5	77.0	53.5	129.9	(D)	2.9	41.5
2752	Commercial Printing, Lithographic	135	32	2.3	27.7	1.7	2.9	17.2	50.5	33.2	83.3	(D)	EE	(D)
2761	Manifold Business Forms	14	11	.9	11.9	.7	1.4	7.3	29.9	25.6	55.1	1.0	.6	13.6
28	Chemicals and Allied Products	139	38	5.5	83.7	3.5	7.0	46.7	791.3	694.7	1,479.9	54.5	4.9	390.1
283	Drugs	23	4	1.0	13.4	.5	1.0	5.5	45.5	25.7	69.9	2.5	1.0	27.4
2834	Pharmaceutical Preparations	14	4	.9	21.4	.4	.8	4.9	32.8	21.9	53.5	(D)	BB	(D)
284	Soaps, Cleaners, Toilet Goods	26	6	1.0	13.1	.6	1.2	7.2	227.4	131.7	358.4	4.1	.9	123.4
2851	Paints and Allied Products	14	4	.6	8.7	.4	.8	5.0	26.0	57.3	82.9	2.8	.6	26.6
287	Agricultural Chemicals	32	13	1.3	20.5	.8	1.7	11.7	102.8	207.6	306.4	8.6	1.3	59.7
30	Rubber, Misc. Plastics Prod.	108	49	11.6	160.8	9.3	18.4	119.9	428.5	395.1	813.2	28.4	10.0	251.4
3011	Tires and Inner Tubes	5	5	4.2	70.6	3.4	6.5	55.2	188.1	188.3	370.9	(D)	FF	(D)
3079	Miscellaneous Plastics Products	90	40	5.5	66.8	4.4	8.6	46.6	193.4	167.5	356.0	14.5	4.5	84.8
32	Stone, Clay, Glass Products	372	77	6.9	93.8	5.5	11.3	69.4	261.2	280.2	538.9	33.3	6.0	131.5
3241	Cement, Hydraulic	5	5	1.1	19.6	1.0	2.0	16.6	57.7	47.6	105.8	(D)	1.1	37.7
325	Structural Clay Products	9	9	.7	6.4	.5	1.0	4.3	12.4	8.2	20.3	1.1	.8	10.7
3272	Concrete Products, nec	87	17	1.0	12.6	.8	1.8	9.2	26.1	20.5	44.8	1.5	1.0	15.8
3275	Gypsum Products	5	5	.8	11.8	.6	1.5	9.4	42.4	36.6	78.9	3.3	CC	(D)
33	Primary Metal Industries	78	42	8.5	136.1	6.8	13.5	102.2	222.4	643.2	807.6	46.7	8.3	138.1
332	Iron and Steel Foundries	27	20	3.1	40.3	2.5	4.7	31.6	68.2	68.4	134.9	15.7	2.8	46.2
3321	Gray Iron Foundries	20	13	1.6	20.7	1.3	2.4	15.2	36.6	41.7	77.5	(D)	1.7	28.7
336	Nonferrous Foundries	31	9	1.3	14.5	1.0	1.9	10.3	24.4	22.4	46.5	2.1	1.3	13.3
3361	Aluminum Foundries	22	7	.8	9.3	.7	1.2	7.0	14.2	15.6	29.7	(D)	.7	6.5
34	Fabricated Metal Products	293	118	20.7	257.3	14.8	28.0	159.9	606.3	488.2	1,067.2	34.7	18.4	301.7
342	Cutlery, Handtools, and Hardware	30	10	1.0	12.0	.8	1.7	8.7	39.0	26.4	64.8	1.6	1.1	19.7
3429	Hardware, nec	11	5	.5	5.5	.4	.8	3.9	16.2	16.5	32.1	1.1	.8	13.5
343	Plumbing, Heating, Except Elec.	12	4	1.1	12.1	.9	1.8	9.2	33.5	37.0	69.0	(D)	CC	(D)

See footnotes at end of table.

Iowa industrial information by code (continued)

Industry group and industry[1]		1977										1972	
		All establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials[2] (million dollars)	Value of shipments[2] (million dollars)	New capital expenditures (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		Total (number)	With 20 employees or more (number)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						
3441	Fabricated Structural Metal	30	16	1.4	17.0	1.0	1.9	10.3	36.0	64.3	90.2	3.2	1.9	24.1
3442	Metal Doors, Sash, and Trim	14	9	1.5	13.7	1.3	2.4	10.3	27.6	34.6	61.4	3.7	.8	9.7
3443	Fabricated Platework, Boiler Shop	23	8	.9	12.3	.7	1.3	8.2	20.3	22.2	45.0	1.4	1.2	26.0
3444	Sheet Metalwork	25	9	1.0	9.7	.8	1.4	6.5	29.4	32.0	61.6	1.3	1.6	27.9
3448	Prefabricated Metal Buildings	9	6	.7	8.3	.5	.9	5.0	19.6	29.1	48.2	.8	(NA)	(NA)
34	Fabricated Metal Products, con.													
345	Screw Machine Prod., Bolts, etc.	15	8	.8	9.0	.6	1.2	5.7	19.2	17.7	36.9	2.0	AA	(D)
346	Metal Forgings and Stampings	27	11	2.6	25.2	2.0	3.5	16.6	74.1	49.3	122.0	2.4	1.0	16.7
3469	Metal Stampings, nec	20	9	2.4	21.9	1.9	3.1	14.8	68.2	43.2	110.0	1.9	.7	11.9
349	Misc. Fabricated Metal Products	58	24	7.0	103.0	4.2	8.4	57.2	230.9	130.5	348.2	10.8	5.3	107.9
3494	Valves and Pipe Fittings	10	6	4.5	71.2	2.6	5.3	40.6	167.2	81.4	238.2	7.3	3.7	77.6
3499	Fabricated Meal Products, nec	34	15	2.1	27.1	1.3	2.5	13.3	53.7	38.6	90.0	(D)	1.3	23.8
35	Machinery, Except Electrical	564	210	61.3	1,020.9	44.6	87.2	702.1	2,536.0	2,363.7	4,899.2	227.6	48.0	1,204.2
351	Engines and Turbines	9	8	2.8	46.4	2.1	4.2	33.7	99.8	174.1	269.2	17.0	EE	(D)
3519	Internal Combustion Engines, nec	9	8	2.8	46.4	2.1	4.2	33.7	99.8	174.1	269.2	17.0	EE	(D)
352	Farm and Garden Machinery	149	74	25.2	424.6	19.0	36.9	302.5	1,223.6	1,025.4	2,247.1	101.3	23.7	643.4
353	Construction, Related Machinery	65	38	20.0	368.1	14.3	28.7	254.0	812.8	913.4	1,739.9	89.2	13.3	336.2
3531	Construction Machinery	36	23	18.6	349.3	13.4	26.9	243.3	777.1	876.0	1,667.1	87.6	12.1	314.2
3535	Conveyors and Conveying Equipment	12	7	6	7.7	4	8	4.9	15.1	15.0	30.3	9	BB	(D)
354	Metalworking Machinery	79	23	2.3	33.4	1.5	3.2	20.5	56.1	28.3	84.8	2.6	2.3	40.0
3541	Machine Tools, Metal-Cutting	10	4	.6	8.3	.3	.6	4.1	12.2	8.6	22.3	.3	AA	(D)
3544	Special Dies, Tools, Jigs, etc.	45	9	.5	9.7	.4	1.0	7.6	15.0	4.6	19.3	.9	.7	10.8
355	Special Industry Machinery	39	15	2.4	37.5	1.5	2.8	20.7	83.7	59.4	147.2	2.8	2.2	51.7
3551	Food Products Machinery	12	5	1.2	19.4	.7	1.2	9.1	40.3	17.2	59.7	1.4	1.0	26.2
356	General Industrial Machinery	55	16	3.5	49.9	2.3	4.6	29.1	142.1	61.6	193.4	8.9	EE	(D)
3561	Pumps and Pumping Equipment	12	7	2.5	37.2	1.6	3.1	20.1	117.5	45.8	153.2	8.1	EE	(D)
358	Refrigeration and Service Mach.	29	15	2.7	32.1	1.9	3.3	20.0	69.3	67.9	137.8	1.4	2.1	36.8
3585	Refrigeration, Heating Equipment	7	6	1.4	18.1	1.0	1.6	11.1	40.5	41.3	83.8	.8	EE	(D)
36	Electric, Electronic Equip.	95	44	23.6	291.7	16.1	31.4	177.7	736.6	608.2	1,344.6	33.4	20.0	405.3
362	Electrical Industrial Apparatus	9	4	.7	6.2	.5	.9	4.7	16.5	15.0	33.3	(D)	.6	9.6
365	Radio, TV Receiving Equipment	12	3	.7	6.3	.6	.9	3.9	14.2	16.5	31.7	.2	BB	(D)
367	Electronic Components, Access.	31	12	3.3	28.6	2.8	5.4	22.0	54.2	42.6	96.0	.5	3.6	49.6
3677	Electronic Coils and Transformers	5	5	1.8	13.9	1.7	2.9	12.2	20.3	26.1	46.2	.2	CC	(D)
369	Misc. Elec. Equipment, Supplies	10	6	1.5	19.4	1.3	2.5	15.8	63.3	48.9	111.0	5.4	CC	(D)
3713	Truck and Bus Bodies	17	10	.9	9.7	.7	1.4	6.4	11.5	34.3	46.0	.4	4.0	93.5
3714	Motor Vehicle Parts, Accessories	33	11	1.9	20.6	1.5	2.9	15.3	72.8	66.5	139.0	3.4	EE	(D)
3715	Truck Trailers	10	4	.9	10.4	.7	1.4	6.5	28.3	58.6	82.2	(D)	CC	(D)
38	Instruments, Related Products	50	13	2.3	28.7	1.5	2.9	16.4	48.5	32.8	81.2	4.5	2.5	49.3
3811	Engineering, Scientific Instruments	9	4	.5	7.2	.3	.7	3.1	10.2	7.7	17.4	(D)	1.0	16.6
382	Measuring, Controlling Devices	14	4	1.5	18.8	1.0	1.8	11.7	33.3	20.5	54.1	(D)	EE	(D)
39	Misc. Manufacturing Industries	144	39	5.9	61.6	4.4	8.6	39.6	156.9	94.7	253.0	6.0	6.2	107.9
394	Toys and Sporting Goods	36	13	1.9	19.0	1.4	2.6	12.0	61.2	35.7	96.9	2.2	2.3	41.8
395	Pens, Office and Art Goods	8	5	1.6	15.7	1.2	2.4	10.5	35.6	19.7	56.9	(D)	1.3	20.9
399	Miscellaneous Manufactures	81	14	2.0	23.3	1.5	2.9	14.5	53.7	36.0	89.5	2.3	2.1	37.7
3993	Signs and Advertising Displays	41	5	.7	8.4	.4	.8	4.6	23.9	19.5	43.0	.4	CC	(D)
	Central Admin. Offices, Auxiliaries	62	27	4.8	90.8	—	—	—	—	—	—	—	2.4	—

Note: Payroll and shipments data for small establishments — typically single-units companies with less than 20 employees (cutoff varied by industry) — were obtained from administrative records of other government agencies instead of from census report forms. These data were then used in conjunction with industry averages to estimate the other items in the table for these small establishments. This technique was also used for a few other establishments whose reports were not received at time data were tabulated.

— Represents zero. (D) Withheld to avoid disclosing operations of individual companies. (NA) Not available. NEC Not elsewhere classified.

[1]Statistics for some industry groups and industries have been withheld to avoid disclosing operations of individual companies and to permit further verification of data for smaller industries. Statistics for industry groups shown include data for all component industries, regardless of whether data are shown for individual industries in group. Data for all industries with 150 or more manufacturing employees will be included in final publication if figures do not disclose operations of individual companies. For 1972, the following employee size ranges substitute for actual figures withheld to avoid disclosure: AA, 150 to 249 employees; BB, 250 to 499 employees; CC, 500 to 999 employees; EE, 1,000 to 2,499 employees; FF, 2,500 employees or more.

[2]Aggregate of cost of materials and value of shipments figures for industry groups (2- and 3-digit) and for all manufacturing industries includes extensive duplication, since products of some industries are used as materials by others (see Appendix B).

[3]Including central administrative offices and auxiliaries.

Source: 1977 Census of Manufactures, Bureau of the Census, U.S. Department of Commerce.

U.S. industrial statistics, 1981

State	Manufacturer's shipments (millions dollars)	Manufacturer's employment (000)
Alabama	30,508.9	346.1
Alaska	1,954.2	12.6
Arizona	12,484.2	155.9
Arkansas	18,510.4	196.5
California	192,364.6	2,039.5
Colorado	17,213.3	187.9
Connecticut	30,026.5	454.6
Delaware	9,050.1	67.1
District of Columbia	1,346.1	16.4
Florida	36,798.5	461.7
Georgia	47,246.2	526.6
Hawaii	3,626.3	26.4
Idaho	5,004.6	50.3
Illinois	126,985.8	1,210.3
Indiana	70,291.9	643.3
Iowa	33,220.6	235.8
Kansas	26,474.1	187.9
Kentucky	30,402.8	266.7
Louisiana	57,796.1	207.8
Maine	9,126.5	115.3
Maryland	21,321.2	243.3
Massachusetts	47,904.9	691.6
Michigan	105,175.4	976.7
Minnesota	35,504.4	372.5
Mississippi	19,811.3	204.4
Missouri	41,205.8	430.0
Montana	4,289.6	22.6
Nebraska	15,412.1	94.5
Nevada	1,557.8	17.8
New Hampshire	7,258.6	111.3
New Jersey	73,035.1	792.7
New Mexico	3,229.6	34.2
New York	119,300.7	1,502.0
North Carolina	5,824.5	42.4
North Dakota	2,362.2	15.2
Ohio	122,286.6	1,219.4
Oklahoma	25,310.6	204.5
Oregon	18,834.9	203.9
Pennsylvania	115,182.4	1,290.6
Rhode Island	7,573.8	127.4
South Carolina	27,877.5	387.8
South Dakota	2,925.7	26.5
Tennessee	41,257.7	492.3
Texas	180,327.8	1,067.6
Utah	9,814.7	91.7
Vermont	3,644.7	49.6
Virginia	35,909.8	411.4
Washington	36,789.5	303.9
West Virginia	11,927.9	108.9
Wisconsin	54,722.7	527.8
Wyoming	3,163.5	11.2
U.S.	2,017,542.6	20,263.8

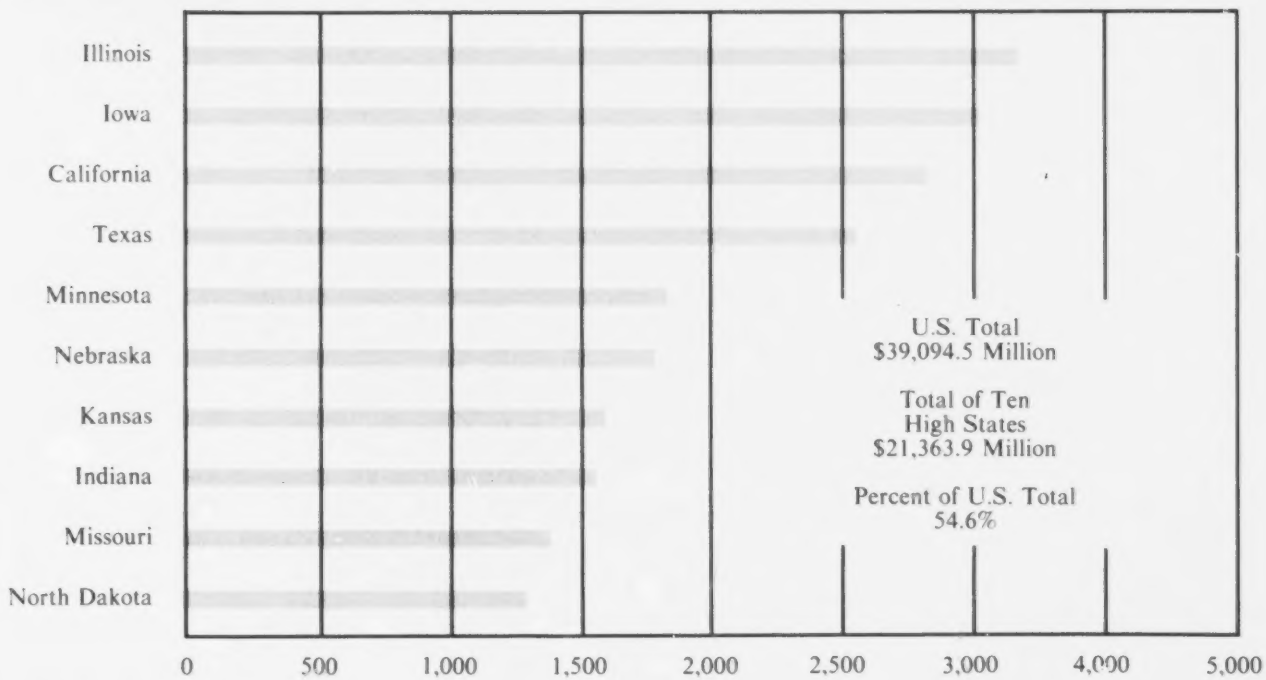
Source: 1981 Annual Survey of Manufacturers, U.S. Department of Commerce, Bureau of the Census.

Iowa exported an estimated $5.54 billion in products in 1982

Iowa is one of the leading agricultural exporting states. More than three billion dollars of agricultural goods were exported from Iowa in 1982. In addition, more than 800 Iowa manufacturers also export contributing to an approximate value of $2,211 per person; the third highest per capita value in the U.S.

Leading export items include feed grains, soybeans, machinery, chemicals and electrical equipment. Iowa makes a concentrated effort to encourage exports through Iowa Development Commission sponsored foreign trade missions, conferences and workshops. The IDC also provides information and aid to help new exporters with trade regulations, shipping and working arrangements with overseas firms.

Iowa leading agricultural exporting state ($ millions)



*Year ending September 30.
Source: March/April, 1983; FATUS, U.S.D.A.

value of agricultural exports, Iowa (millions)

(Fiscal Year October-September)

	1970	1975	1980	1981r	1982
All Commodities	$515.1	$1,723.5	$3,270.3	$3,763.8	$3,026.1
Wheat and Flour	.8	5.4	8.0	12.1	14.5
Feed Grains[1]	145.5	787.1	1,627.3	1,956.6	1,294.2
Soybeans	170.7	489.8	1,180.2	1,428.9	1,374.0
Soybean Oil	22.1	64.0	*	*	*
Protein Meal	50.6	110.3	*	*	*
Fruits and Preparations	—	.1	.3	.2	.3
Vegetables and Preparations	.1	.5	1.0	.6	.8
Dairy Products	8.7	12.0	11.9	11.2	15.0
Meats and Products[2]	24.5	60.3	95.3	127.8	125.5
Hides and Skins	12.6	24.4	62.3	52.7	58.9
Poultry Products	2.1	2.4	6.2	7.9	6.4
Lard and Tallow	24.8	38.4	54.2	66.2	61.2
Other[3]	52.6	128.8	223.6	72.5	74.8

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and other coarse grain products.
[2]Does not include poultry.
[3]Includes seeds, feeds and fodder, and miscellaneous animal products.
Source: March/April, 1983; FATUS, U.S.D.A.

value of agricultural exports, U.S. (millions)

(Fiscal Year October-September)

	1970	1975	1977	1980	1981r	1982
All Commodities	$6,721.4	$21,854.3	$24,013.4	$40,480.5	$43,780.1	$39,094.5
Wheat and Flour	941.6	5,236.8	3,003.1	6,632.7	8,051.7	7,675.1
Feed Grains[1]	987.3	4,858.3	5,345.3	9,628.1	11,148.8	7,684.6
Soybeans	1,069.0	2,988.7	4,306.6	8,587.8	8,042.3	8,429.9
Soybean Oil	138.7	387.3	413.1	*	*	*
Protein Meal	322.6	685.5	955.3	*	*	*
Fruits and Preparations	343.2	674.6	803.9	1,299.7	1,513.2	1,394.1
Vegetables and Preparations	196.8	533.9	697.2	954.2	1,445.7	1,442.1
Dairy Products	109.1	143.0	171.3	156.3	237.7	367.8
Meats and Products[2]	152.8	381.9	608.5	870.7	1,180.0	1,230.3
Hides and Skins	158.4	393.3	779.5	1,115.3	1,002.0	1,021.2
Poultry Products	76.0	112.0	271.4	546.5	765.2	579.0
Lard and Tallow	208.1	400.6	578.2	784.4	758.9	704.1
Other[3]	650.2	1,632.9	2,185.7	2,767.5	2,996.0	2,378.6

r Revised.
*Now tabulated as part of soybeans and products.
[1]Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and other coarse grain products.
[2]Does not include poultry.
[3]Includes seeds, feeds and fodder, and miscellaneous animal products.
Source: March/April, 1983; FATUS, U.S.D.A.

12 mid-American states account for 49% of total U.S. agricultural exports, 1982

U.S. $39,094.5
(figures in millions)

	1982*
Illinois	3,306.4
Indiana	1,559.3
IOWA	3,026.1
Kansas	1,628.1
Michigan	752.6
Minnesota	1,883.1
Missouri	1,404.0
Nebraska	1,807.7
North Dakota	1,326.5
Ohio	1,052.3
South Dakota	654.8
Wisconsin	592.0

*Year ending September 30.
Source: March/April, 1983, FATUS, U.S.D.A.

leading states for agricultural export shares, 1982[1] (millions)

Selected Commodities	United States	5 Leading States				
		1	2	3	4	5
All Commodities	$39,094.5	Ill. 3,036.4	IOWA 3,026.1	Calif. 2,854.1	Texas 2,568.6	Minn. 1,883.1
Soybeans and Products[2]	8,429.9	Ill. 1,481.5	IOWA 1,374.0	Mo. 655.6	Ind. 639.8	Minn. 586.7
Feed Grains and Products[3]	7,684.6	Ill. 1,371.4	IOWA 1,294.2	Neb. 828.2	Minn. 595.2	Ind. 582.2
Wheat and Products	7,675.1	Kans. 904.8	N.D. 658.7	Texas 544.1	Okla. 512.6	Wash. 494.3
Hides and Skins	1,021.2	Texas 105.9	IOWA 58.9	Neb. 56.5	Kansas 504.	Wisc. 40.8
Meats and Products[4]	1,230.3	IOWA 125.5	Texas 124.1	Neb. 72.5	Kansas 59.7	Ill. 56.6
Lard and Tallow	704.1	Texas 92.5	IOWA 61.2	Neb. 53.2	Kansas 46.3	Okla. 34.5
Dairy Products	367.8	Wis. 92.5	Calif. 59.6	Minn. 55.0	N.Y. 23.8	Pa. 22.0

[1]Fiscal year ending September 30.
[2]Includes soybean oil and protein meal.
[3]Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and other coarse grain products.
[4]Excludes poultry.
Source: March/April, 1983, FATUS, U.S.D.A.

Iowa's top 15 export customers, 1982 ($000)

	Soybeans & Products	Feed Grains & Products*	Hides & Skins	Meat Products	Lard & Tallow	Poultry Products	Dairy Products	Totals
Japan	159,838.8	253,525.4	13,132.1	6,259.5	3,200.6	751.3	615.2	437,322.9
Netherlands	293,118.6	23,429.8	400.1	3,374.1	6,236.2	35.2	67.0	326,661.0
Spain	115,403.5	85,248.2	1,440.5	90.2	1,200.1	3.6	46.2	203,432.3
U.S.S.R.	27,916.0	137,553.0	—	—	1,556.9	—	—	167,025.9
West Germany	110,960.6	13,119.6	3,742.0	498.2	1,974.5	135.4	20.8	130,451.1
Belgium	54,064.0	47,195.6	430.1	2,905.4	914.5	15.1	1,050.1	106,575.0
Taiwan	46,555.1	49,068.4	3,212.5	731.9	1,753.4	1.2	124.1	101,446.6
South Korea	25,598.0	63,597.0	8,613.6	540.5	2,694.1	3.6	21.3	101,068.1
Italy	71,377.5	12,835.0	3,954.8	223.5	825.6	2.5	7.0	89,235.9
United Kingdom	28,793.3	20,104.7	2,377.6	3,733.4	2,278.3	4.1	8,106.2	65,398.6
Mexico	14,011.5	33,406.1	3,663.7	3,364.2	5,411.9	149.5	2,235.1	62,242.0
France	33,296.3	4.0	1,566.1	9,918.7	746.9	4.8	67.0	45,603.8
Venezuela	21,805.2	19,009.2	13.5	2,273.6	886.4	100.1	162.2	44,250.2
Canada	24,789.5	4,483.9	5,463.6	6,993.6	1,004.6	260.8	474.7	43,410.7
People's Republic of China	10,305.7	31,812.1	628.9	.2	564.3	—	—	43,311.2

—Indicates no significant purchases.
*Includes barley, corn, oats, and sorghum grain.
Figures were derived from the contribution of state/region in the national export total. They do not show actual exports, but instead reflect the common stake of state/region in the national export total.
Source: May/June, 1983, FATUS, U.S.D.A.
Compiled by Marketing Division, Iowa Department of Agriculture.

estimated exports of manufactured shipments, Iowa (millions)

SIC Code	Product Category	1960	1966	1972	1976	1980	1981
	Total Exports	$211.4	$336.9	$589.6	$1,499.8	$2,544.8	$2,705.0
20	Food & Kindred Products	51.4	58.6	130.5	262.1	369.6	450.4
21	Tobacco Manufactures	—	—	—	—		
22	Textile Mill Products	—	—	—	—	.9	.4
23	Apparel & Other Textile Mill Products	0.7	T	—	—	2.2	5.7
24	Lumber & Wood Products	1.0	T	—	12.1	16.6	20.9
25	Furniture & Fixtures	0.2	S	—	0.9	.8	1.5
26	Paper & Allied Products	—	S	—	7.2	13.2	14.3
27	Printing & Publishing	1.3	T	—	6.8	4.3	5.2
28	Chemicals & Allied Products	3.8	9.3	39.4	83.9	210.0	980.7
29	Petroleum & Coal Products	—	0.9	—	—		
30	Rubber & Plastics	3.8	6.3	14.4	51.9	75.2	85.9
31	Leather & Leather Products	S	—	—	—		
32	Stone, Clay & Glass	—	0.1	—	3.1	4.8	5.2
33	Primary Metal Industries	2.3	U	—	24.2	187.2	137.5
34	Fabricated Metal Products	5.7	9.9	14.7	46.2	94.1	107.2
35	Machinery, except electrical	92.3	165.6	269.6	745.5	1,364.0	1,252.6
36	Electrical Equipment & Supplies	30.3	51.6	87.9	194.1	356.4	183.5
37	Transportation Equipment	S	3.2	15.9	20.3		
38	Instruments & Related Products	—	T	—	7.6	10.7	10.9
39	Misc. Mfg.	12.2	14.7	—	28.6	59.6	58.2

(S) Less than $1.0 million
(T) $1.0 but less than $5.0 million
(U) $5.0 but less than $10.0 million
(V) $10.0 but less than $25.0 million

Source: Origin of Exports of Manufactured Products, 1981 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce

comparative value of estimated manufactured exports, midwest states

Selected Midwest States	1980 Total direct manufactured export (million dollars)	1980 Supporting exports (million dollars)	1980 Total export related (million dollars)	1980 Manufacturing employment direct exported related (1,000)	1981 Total direct manufactured export (million dollars)	1981 Supporting exports (million dollars)	1981 Total export related (million dollars)	1981 Manufacturing employment direct exported related (1,000)
United States	151,216.2	98,585.2	249,801.4	1,486.4	164,283.1	107,419.5	271,702.6	1,486.0
IOWA	2,834.4	1,082.6	3,917.0	21.5	2,705.0	1,235.4	3,940.4	19.3
Illinois	10,084.3	6,360.3	16,444.6	88.0	10,368.7	6,670.2	17,038.9	84.0
Indiana	4,512.7	4,228.5	8,741.2	43.4	5,008.1	4,684.1	9,692.2	45.2
Kansas	1,439.4	1,029.0	2,468.4	13.3	1,516.6	1,161.3	2,677.9	14.2
Michigan	8,764.5	4,730.1	13,494.6	75.5	10,275.0	5,237.3	15,512.3	74.4
Minnesota	2,574.7	1,334.4	3,909.1	26.9	2,729.5	1,405.1	4,134.5	26.3
Missouri	2,381.9	1,781.9	4,163.8	21.6	3,012.6	1,848.8	4,861.4	26.8
Nebraska	748.5	508.3	1,253.8	4.6	945.3	532.0	1,477.3	6.0
Ohio	10,200.4	7,194.0	17,394.4	103.0	10,352.6	7,779.7	18,132.3	96.1
South Dakota	169.6	75.0	244.6	1.3	185.2	81.8	267.0	1.2
Wisconsin	3,836.0	2,371.5	6,207.5	42.8	4,031.4	2,558.7	6,590.1	39.3

N/A = Not applicable

Source: Origin of Exports of Manufactured Products, 1980 and 1981 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce

estimated value of manufactured exports, Iowa smsa's (millions)

Code	State by major industry group	value of manufacturers' shipments: Total[1] (million dollars) A	Direct exports[2] (million dollars) B	Supporting exports[3] (million dollars) C	Total exported related[4] (million dollars) D	Total export related as percent of total shipments E	manufacturing employment: Total[5] (1,000) F	Direct export related[6] (1,000) G	Supporting exports[7] H	Total export related[8] (1,000) I	Total export related as percent of total employment J
	Iowa	33,220.6	2,705.0	1,235.4	3,940.4	11.8	235.8	19.3	9.2	28.5	12.0
20	Food and kindred products	13,463.0	450.4	276.3	726.7	5.3	46.1	1.1	0.9	2.0	4.3
22	Textile mill products	19.7	0.4	0.9	1.3	6.5	0.3	(z)	(z)	(z)	(z)
23	Apparel and other textiles	164.7	5.7	2.8	8.5	5.1	4.4	.1	.1	.2	4.5
24	Lumber and wood products	281.9	20.9	16.9	37.8	13.4	4.6	.2	.3	.5	10.8
25	Furniture and fixtures	268.2	1.5	2.2	3.7	1.3	4.0	(z)	(z)	(z)	(z)
26	Paper and allied products	592.4	14.1	47.3	61.4	10.3	5.0	(z)	.4	.4	7.9
27	Printing and publishing	1,024.9	5.2	14.3	19.5	1.9	17.0	(z)	.2	.2	1.1
28	Chemicals and allied products	2,482.6	300.7	217.6	518.3	20.8	7.2	.7	.5	1.2	16.6
30	Rubber, miscellaneous plastic products	972.0	85.9	60.3	146.2	15.0	10.3	.9	.6	1.5	14.5
32	Stone, clay, glass products	651.9	5.2	28.1	33.3	5.1	6.2	(z)	.3	.3	4.8
33	Primary metal industries	1,326.9	137.5	198.0	335.5	25.2	8.7	.6	1.3	1.9	21.8
34	Fabricated metal products	1,405.5	107.2	37.4	194.6	13.8	18.1	1.3	1.1	2.4	13.2
35	Machinery except electrical	7,488.5	1,252.6	196.7	1,449.3	19.3	61.7	9.4	1.9	11.3	18.3
36	Electric, electronic equipment	1,907.1	183.5	59.0	242.5	12.7	23.3	2.6	.7	3.3	14.1
38	Instruments, related products	95.5	10.9	3.3	14.2	14.8	1.7	.1	.1	.2	11.7
39	Miscellaneous manufacturing industries	429.6	58.2	4.9	63.1	14.6	5.7	1.1	.1	1.2	21.0
—	Administrative, auxiliary	(x)	(x)	(x)	(x)	(x)	3.6	(x)	.5	.5	13.8

(X) Not applicable.
(Z) Less than one-half of the unit of measurement shown.
[1]Includes total domestic and export shipments for all manufacturing establishments.
[2]Includes only the value of manufactured products exported by the producing plants.
[3]Includes shipments of components, parts, supplies, etc., used by plants producing the export product.
[4]Total export related shipments are the sum of columns B and C.
[5]Includes employees of central administrative offices and auxiliaries (warehouses, garages, repair shops, etc.) serving operating manufacturing establishments.
[6]Employment is limited to paid employees in manufacturing plants producing the export product.
[7]Manufacturing employment at establishments producing components, parts, supplies, etc. for use by plants producing for export.
[8]The employment totals shown are the sum of columns G and H.
Source: Origin of Exports of Manufactured Products, 1981 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

	1971	1972	1976 Estimated Value of Exports (millions)	1976 Estimated Export Employment (thousands)
Cedar Rapids	108.1	111.7	254.0	5.0
Davenport-Rock Island-Moline	94.6	120.9	421.3	4.7
Food & Kindred Products	(T)	(T)	20.7	0.2
Primary Metal Industries	(W)	(U)	23.9	0.2
Fabricated Metal Products	(T)	(T)	3.2	0.1
Machinery Except Electrical	75.3	102.1	360.1	3.8
Des Moines	39.5	46.5	54.6	0.6
Dubuque	42.7	(X)	137.0	1.7
Omaha-Council Bluffs	45.5	51.8	56.1	0.5
Sioux City	31.8	35.3	80.6	0.5
Waterloo-Cedar Falls	51.8	66.1	217.9	2.6

(T) 1 but less than 5 million, (U) 5 but less than 10 million, (W) 25 but less than 50 million, (X)50 but less than 100 million.
Source: Survey of The Origin of Exports by Manufacturing Establishments, U.S. Department of Commerce, Bureau of The Census.

Iowa exports contribute to U.S. balance of payments (millions of dollars)

Agricultural Exports

	1982 Iowa	1982 U.S.	% of U.S. Share
Wheat and Products	14.5	7,675.1	.19
Feed Grains[1]	1,294.2	7,684.6	16.84
Soybeans and Products[2]	1,374.0	8,429.9	16.30
Fruits and Preparations	.3	1,394.1	.02
Vegetables and Preparations	.8	1,442.1	.01
Dairy Products	15.0	367.8	4.08
Meats and Products	125.5	1,230.3	10.20
Hides and Skins	58.9	1,021.2	5.77
Poultry Products	6.4	579.0	1.10
Lard and Tallow	61.2	704.1	8.69
Other[3]	74.8	2,378.6	3.15
Total	3,026.1	39,094.5	7.74

[1]Includes corn, barley, oats, grain sorghum, rye, corn gluten feed, corn-soy blends, corn oil, popcorn and the coarse grain products.
[2]Includes soybean oil and protein meal.
[3]Includes seeds, feed and fodder, and miscellaneous animal products.
Source: March/April, 1983, FATUS, U.S.D.A.

Manufactured Exports

Sic Code	Product Category	1981 Iowa	1981 U.S.	% of U.S. Share
20	Food and Kindred Products	450.4	12,142.2	3.71
21	Tobacco Manufacturers	—	2,142.9	—
22	Textile Mill Products	.4	2,570.9	.02
23	Apparel and Other Textile Mill Products	5.7	1,340.2	.43
24	Lumber and Wood Products	20.9	2,628.0	.80
25	Furniture and Fixtures	1.5	531.7	.28
26	Paper and Allied Products	14.1	4,108.2	.34
27	Printing and Publishing	5.2	1,283.5	.40
28	Chemicals and Allied Products	300.7	19,331.5	1.55
29	Petroleum and Coal Products	—	3,349.3	—
30	Rubber and Plastics	85.9	2,677.9	3.20
31	Leather and Leather Products	—	523.7	—
32	Stone, Clay and Glass	5.2	1,806.0	.29
33	Primary Metal Industries	137.5	6,163.2	2.23
34	Fabricated Metal Products	107.2	7,057.9	1.52
35	Machinery, except Electrical	1,252.6	38,429.8	3.26
36	Electrical Equipment and Supplies	183.5	16,494.3	1.11
37	Transportation Equipment	—	31,166.1	—
38	Instruments and Related Products	10.9	8,004.4	.14
39	Misc. Mfg.	58.2	2,531.5	2.29
	Total Exports	2,705.0	164,283.10	1.64

Source: Origin of Exports of Manufactured Products, 1981 Annual Survey of Manufacturers, Bureau of the Census, U.S. Department of Commerce.

Iowa travel is a billion dollar industry

Travel, vacations, conventions and outdoor life add up to an annual billion dollar industry in Iowa's quickly growing tourism and travel industry. A 1983 study completed at travel information centers showed that the average travel party of 2.8 persons spent $80.46 each day they were in the state.

Iowa, which was named "The Beautiful Land" by Native Americans, has something for everyone. The state is dotted with historical sites, cultural facilities and terrain that can accommodate everything from downhill skiing to bicycling. The state's numerous hotels range from quaint to luxurious. There are an abundance of game and campgrounds, along with some of the finest golf courses in America.

Iowa has 19,000 miles of interior fishing streams, two major natural "great lake" areas and four of the nation's largest man-made lakes. The bordering Mississippi and Missouri Rivers offer water sports, scenery and the excitement of passenger or commercial water travel.

facts show something for everyone in Iowa, 1982

303,937	Resident Fishing Licenses
138,280	Resident Hunting Licenses
106,534	Resident Combination Licenses
23,919	Non-Resident Hunting Licenses
11,858	Non-Resident Fishing Licenses
74,322	Gun Deer Licenses
17,507	Bow & Arrow Deer Licenses
15,425	Landowner-Tenant Deer Licenses
43,152	Iowa Duck Stamps
28,468	Trout Stamps
21,505	Resident Trapping
8,973	Turkey Licenses
266,999	Habitat Stamps

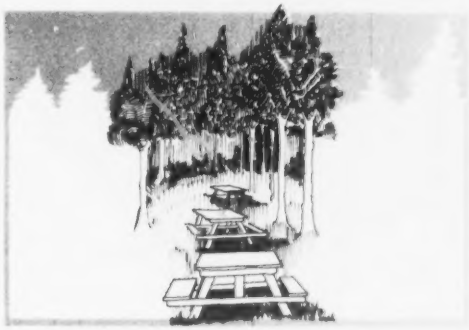
300,000	Acres of Public Hunting Areas
42,000	Acres of Public Waterfowl Refuges
2,800,000	Visitors to Public Hunting Areas
53%	of Visitors to Public Hunting Areas Were Not Hunters
203,500	Surface Acres of River Boundary Waters
80,000	Farm Ponds in Southern Iowa
33,000	Acres of Natural Lakes
23,000	Acres of Man-Made Lakes
2,000	Acres of Oxbow Lakes
30,200	Acres of Federal Reservoirs
19,000	Miles of Interior Fishing Streams
72	State Parks and Recreation Areas
13,431,655	State Park and Recreation Visitors in 1982
43	State Parks with Lakes
55	State Parks with Camping
25,000	Acres of State Forests
5,000	Acres of State Preserve Areas
1,068	County Conservation Board Areas
1,561,000	Acres of Iowa Forests

Iowa, number 1 pheasant state

Species	No. Hunters	Game Harvested
Pheasant	215,000	972,556
Rabbits	127,000	717,464
Squirrel	105,000	759,438
Quail	68,000	302,648
Turkeys	9,135	2,503
Deer Bow	18,824	4,720
Deer Gun	89,747	21,741
Total Deer	108,571	26,461

Source: 1982 Quickie Facts and Figures, Iowa Conservation Commission.

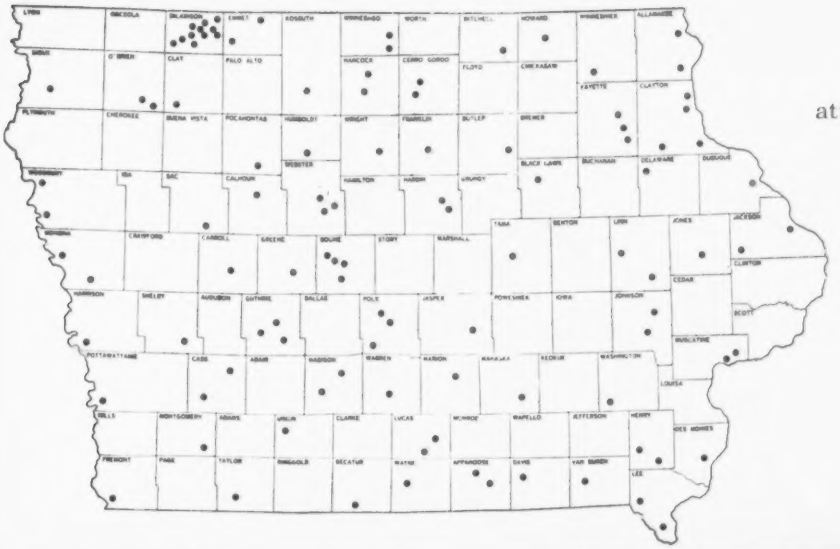
state park attendance, 1982



A. A. Call	223,410
Backbone	479,974
Beeds Lake	161,795
Bellevue	203,581
Big Creek	431,688
Black Hawk	612,252
Bob White	49,795
Brushy Creek	82,250
Clear Lake	247,840
Dolliver	251,435
Elk Rock	83,933
Emerson	139,108
Fort Defiance	103,081
Geode	289,500
George Wyth	400,772
Green Valley	250,851
Gull Pond	179,650
Honey Creek	160,635
Isthmus	22,403
Lacey-Keosauqua	224,030
Lake Ahquabi	291,925
Lake Anita	156,405
Lake Darling	292,250
Lake Keomah	131,179
Lake Macbride	534,300
Lake Manawa	1,247,071
Lake of Three Fires	133,100
Lake Wapello	196,046
Ledges	138,864
Lewis and Clark	184,010
Lower Gar	16,219
Maquoketa Caves	142,532
Marble Beach	121,922
Margo Frankel	34,563
McIntosh Woods	182,200
Mini-Wakan	42,386
Nine Eagles	62,911
Okamanpedan	54,618
Palisades-Kepler	305,296
Pammel	18,920
Pikes Peak	104,780
Pikes Point	40,847
Pilot Knob	132,965
Pine Lake	346,320
Pleasant Creek	110,130
Plum Grove	6,757
Prairie Rose	152,495
Preparation Canyon	14,369
Red Haw	346,300
Rock Creek	471,142
Springbrook	497,715
Stone Park	446,720
Trappers Bay	85,680
Twin Lakes	30,180
Union Grove	277,242
Viking Lake	149,015
Volga River	157,213
Walnut Woods	58,081
Wanata	12,940
Wapsipinicon	681,800
Waubonsie	113,511
Wild Cat Den	204,005
Welsin Island	5,294
TOTAL ATTENDANCE FOR 1982—ALL PARKS	13,431,655

Source: Iowa Conservation Commission.

state-owned recreation areas



Iowa's state owned parks and recreation areas offer:

Camping
Hunting
Picnicking
Swimming
Boating
Fishing
Nature Trails
Golf
Winter Skiing
Snowmobile Trails
and much more

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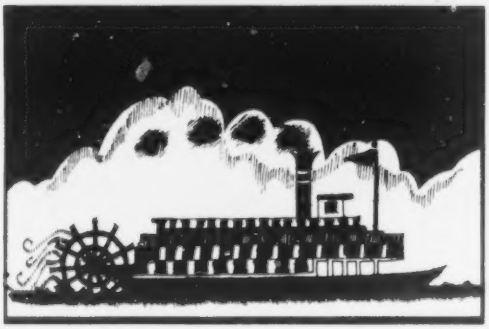


economic impact of travel on Iowa

	1976	1978	1980	1981
Total expenditures ($000)	943,869	1,267,900	1,543,600	1,594,701
Jobs directly attributable to traveler spending in Iowa (000)	43.0	49.0	54.0	51.5
Average travel expenditures generating one job in the travel industry ($000)	21.7	25.8	28.6	31.0
Tax revenue directly generated by travelers to the State Treasury ($000)	42,200	44,640	58,100	55,000

Source: U.S. Travel Data Center County Travel Economic Impact Model (CTEIM).

state park camping attendance, 1982

Area	Individual Campers
A. A. Call	225
Backbone	19,700
Beeds Lake	6,980
Bellevue	2,279
Black Hawk	8,765
Bob White	1,753
Brushy Creek	1,832
Clear Lake	16,171
Dolliver	2,609
Elk Rock	382
Ft. Defiance	264
Geode	7,501
George Wyth	7,264
Green Valley	10,930
Gull Point	39,321
Honey Creek	6,304
Lacey-Keosauqua	6,651
Lake Ahquabi	11,377
Lake Anita	12,023
Lake Darling	9,774
Lake Keomah	3,361
Lake Macbride	14,052
Lake Manawa	4,579
Lake of Three Fires	5,263
Lake Wapello	5,487
Ledges	1,189
Lewis and Clark	7,250
Maquoketa Caves	2,057
McIntosh Woods	2,198
Nine Eagles	5,783
Palisades Kepler	5,059
Pammel	90
Pikes Peak	10,231
Pilot Knob	3,102
Pine Lake	11,999
Pleasant Creek	925
Prairie Rose Lake	2,519
Red Haw	8,928
Rock Creek	16,673
Springbrook	10,586
Stone Park	1,925
Union Grove	1,831
Viking Lake	6,741
Volga River	1,291
Walnut Woods	1,830
Wapsipinicon	1,590
Waubonsie	5,706
Wild Cat Den	3,576
Wilson Island	11,904
Yellow River	5,316
TOTALS	337,934

Source: Iowa Conservation Commission.

impact of travel on Iowa counties, 1981

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
State Total	$1,594,701	$321,522	51,453	$54,952	$15,007
Polk	457,473	99,859	13,553	12,999	5,356
Linn	143,996	31,659	4,060	3,738	1,623
Scott	123,916	22,033	3,926	4,465	996
Woodbury	79,271	16,439	2,572	2,678	798
Black Hawk	73,915	15,276	2,362	2,482	671
Johnson	65,972	12,942	2,530	2,887	496
Dickinson	64,115	12,080	2,238	2,455	463
Dubuque	51,828	10,969	1,746	1,879	610
Cerro Gordo	40,874	7,912	1,458	1,636	304
Lee	34,417	5,128	686	748	197
Des Moines	33,056	6,545	1,044	1,103	251
Story	28,984	5,796	1,110	1,267	222
Pottawattamie	27,956	5,309	1,032	1,208	308
Jasper	23,386	4,431	877	1,019	170
Muscatine	17,948	3,452	659	765	176
Iowa	15,868	3,014	601	694	116
Marshall	14,849	2,904	557	645	111
Wapello	14,526	2,813	522	594	108
Clay	13,363	2,558	497	578	98
Webster	10,767	2,128	357	409	82
Boone	10,409	1,981	387	451	76
Dallas	8,327	1,557	303	358	60
Clinton	8,168	1,617	269	315	62
Buchanan	6,873	1,265	231	260	49
Mahaska	6,740	1,293	246	282	50
Allamakee	5,625	1,045	197	225	40
Hardin	5,601	1,051	202	241	40
Crawford	5,450	1,044	201	236	40
Bremer	5,439	1,036	201	235	40
Harrison	5,431	989	192	232	38
Appanoose	5,401	1,028	200	233	39
Guthrie	5,303	1,001	198	228	38
Fayette	5,155	961	184	219	37
Jackson	4,989	932	174	199	36
Carroll	4,962	951	179	214	36
Kossuth	4,886	889	165	206	34
Monona	4,834	901	177	208	35
Clarke	4,799	899	178	208	34
Tama	4,702	881	169	198	34
Montgomery	4,686	896	175	204	34
Cherokee	4,550	876	169	197	34
Chickasaw	4,378	817	161	189	31
Clayton	4,292	784	147	172	30
Poweshiek	4,253	814	137	149	31
Cedar	4,112	752	142	168	29
O'Brien	4,086	759	146	176	29
Page	4,059	764	146	175	29
Humboldt	3,921	726	143	170	28
Marion	3,706	724	134	158	28
Buena Vista	3,660	696	131	156	27
Emmet	3,593	678	128	150	26
Winneshiek	3,540	693	129	152	27
Keokuk	3,459	637	124	148	24
Butler	3,423	638	125	145	24

impact of travel on Iowa counties, 1981 (cont.)

County	Total Expenditures (Thousands)	Travel Generated Payroll (Thousands)	Travel Generated Employment (Jobs)	State Tax Receipts (Thousands)	Local Tax Receipts (Thousands)
Floyd	3,321	639	119	140	25
Palo Alto	3,132	573	105	121	22
Henry	3,038	571	105	126	22
Delaware	3,029	526	72	70	20
Cass	2,969	580	107	126	22
Jones	2,961	530	101	124	20
Hamilton	2,888	547	103	122	21
Jefferson	2,857	560	104	123	21
Pocahontas	2,739	503	98	117	19
Worth	2,651	498	99	115	19
Winnebago	2,559	485	91	108	19
Plymouth	2,462	451	80	101	17
Wright	2,425	429	77	92	16
Union	2,296	443	83	98	17
Washington	2,259	417	76	94	16
Mills	2,189	393	75	93	15
Shelby	2,149	403	76	92	15
Davis	2,127	390	75	90	15
Wayne	2,110	385	75	90	15
Sioux	2,060	400	65	84	15
Fremont	1,997	397	76	87	15
Adams	1,977	373	74	86	14
Monroe	1,942	352	68	83	14
Decatur	1,883	354	70	81	14
Calhoun	1,742	286	40	47	11
Lucas	1,647	301	58	70	12
Warren	1,606	275	46	64	11
Madison	1,579	278	52	65	11
Franklin	1,532	273	52	63	10
Howard	1,456	265	51	60	10
Audubon	1,447	279	52	62	11
Adair	1,440	260	50	61	10
Greene	1,426	278	52	61	11
Osceola	1,380	255	50	59	10
Sac	1,360	228	32	35	9
Louisa	1,251	210	31	35	8
Hancock	1,115	215	38	45	8
Mitchell	1,098	194	36	44	7
Grundy	949	161	29	38	6
Ringgold	857	152	27	32	6
Ida	790	137	25	33	5
Benton	755	111	17	27	4
Taylor	685	126	25	30	5
Lyon	671	109	20	28	4
Van Buren	600	108	21	24	4

Source: U.S. Travel Data Center County Travel Economic Impact Model.

travel to and through Iowa, 1977

Characteristics of trip or traveler	All travel to and through state				Trips to destinations			
					In This State		In Other States[1]	
	Households taking trips (thousands)	Persons taking trips (thousands)	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]
TOTAL	3,364	7,673	17,665	29,173	8,763	25,814	1,772	3,360
Means of Transport								
Auto/Truck (without camping equip.)	(z)	(z)	14,468	21,757	7,129	19,802	1,185	1,955
Auto/Truck (with camping equip.)	(z)	(z)	1,806	2,219	772	1,733	290	486
Bus	(z)	(z)	154	393	109	349	45	45
Train	(z)	(z)	2	4	2	4	—	—
Air	(z)	(z)	650	3,123	546	2,689	105	434
Other	(z)	(z)	106	178	72	97	35	81
Purpose of Trip								
Visit Relatives/Friends	(z)	(z)	7,867	13,760	4,063	12,158	736	1,602
Business	(z)	(z)	2,413	7,166	1,572	6,873	168	293
Convention	(z)	(z)	353	361	139	294	38	67
Outdoor Recreation	(z)	(z)	1,891	1,400	672	1,151	106	249
Entertainment	(z)	(z)	982	578	309	416	130	162
Sightseeing	(z)	(z)	1,220	1,090	254	447	356	643
Personal/Fam. Aff/Med	(z)	(z)	1,702	3,448	1,016	3,277	117	171
Shopping	(z)	(z)	118	26	71	26	—	—
Other	(z)	(z)	1,121	1,345	668	1,172	123	173
Family Income								
Under $5,000	401	700	2,046	2,762	1,098	2,369	115	392
$5,000 to $7,499	252	526	859	1,194	369	1,004	118	191
$7,500 to $9,999	271	567	1,309	2,108	776	1,761	124	348
$10,000 to $14,999	749	1,684	3,453	6,549	1,649	5,867	397	681
$15,000 to $19,999	628	1,539	3,749	5,788	1,893	5,210	350	578
$20,000 to $24,999	421	1,167	2,188	3,577	1,027	3,086	269	491
$25,000 to $49,999	559	1,314	3,704	3,878	1,697	3,217	382	661
$50,000 or More	84	176	358	3,318	255	3,300	18	18
Occupation of Household Head								
Professional and Technical	577	1,364	3,228	5,495	1,678	4,758	363	737
Mgr./Admin. Except Farm	464	1,118	2,514	4,880	1,398	4,435	310	445
Sales	175	320	1,185	517	409	480	37	37
Clerical	227	434	773	1,483	309	1,162	86	321
Craft and Kindred	526	1,429	3,627	6,337	1,732	5,776	365	561
Operatives	261	646	1,414	3,249	787	3,115	83	134
Nonfarm Laborers	37	97	112	77	28	47	27	30
Service Workers	166	439	803	982	477	881	53	101
Farm Workers	246	615	1,969	1,664	1,029	1,496	105	168
Retired	391	756	1,335	2,450	590	1,895	242	555
Other	295	456	705	2,039	326	1,769	100	270
Size of Household								
1 Person	626	570	1,168	2,674	495	2,188	116	486
2 Persons	1,203	2,106	4,850	10,027	2,174	8,864	583	1,163
3 Persons	500	1,200	3,087	3,345	1,403	2,917	275	428
4 Persons	554	1,741	4,689	5,551	2,560	4,874	438	676
5 Persons or More	481	2,056	3,871	7,577	2,132	6,971	360	607
Weekend or Other Trip								
Weekend	(z)	(z)	7,117	7,291	4,302	7,058	185	233
Not a Weekend	(z)	(z)	10,440	51,774	4,415	18,647	1,587	3,127
Not Reported	(z)	(z)	108	108	46	108	—	—
Vacation or Other Trip								
Vacation	(z)	(z)	8,386	14,334	2,964	11,686	1,379	2,648
Not a Vacation	(z)	(z)	9,179	14,634	5,771	13,969	370	665
Not Reported	(z)	(z)	100	206	28	159	23	47
Round-Trip Distance								
200 to 299 Miles	(z)	(z)	3,916	4,002	3,155	3,965	24	37
300 to 399 Miles	(z)	(z)	2,769	3,950	2,002	3,899	28	51
400 to 599 Miles	(z)	(z)	3,384	3,864	1,580	3,706	119	158
600 to 799 Miles	(z)	(z)	1,647	7,778	967	7,538	100	239
800 to 999 Miles	(z)	(z)	943	1,244	273	1,035	52	209
1,000 to 1,999 Miles	(z)	(z)	2,135	2,855	372	1,874	527	982
2,000 and Over	(z)	(z)	2,614	5,275	414	3,796	823	1,480
Outside United States	(z)	(z)	256	204	—	—	98	204
Duration of Trip[3]								
No Nights out of Town	(z)	(z)	2,524	—	2,067	—	—	—
1 Night	(z)	(z)	2,272	1,700	1,715	1,692	8	8
2-3 Nights	(z)	(z)	5,867	6,766	2,916	6,510	229	256
4-9 Nights	(z)	(z)	3,899	7,564	1,391	6,772	517	792
10-15 Nights	(z)	(z)	1,511	5,431	440	4,552	470	879
16 Nights or More	(z)	(z)	1,592	7,712	234	6,288	547	1,424

travel to and through Iowa, (continued)

Characteristics of trip or traveler	All travel to and through state				Trips to destinations			
					In This State		In Other States[1]	
	Households taking trips (thousands)	Persons taking trips (thousands)	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]	Person-trips (thousands)	Person-nights (thousands)[2]
Number on Trip[4]								
1 Person	(z)	(z)	4,693	11,997	2,460	10,938	401	1,059
2 Persons	(z)	(z)	5,949	7,180	2,486	6,063	646	1,117
3 Persons	(z)	(z)	1,920	2,556	913	2,290	206	267
4 Persons	(z)	(z)	3,375	4,175	1,973	3,566	360	609
5 Persons or More	(z)	(z)	1,728	3,265	932	2,957	159	308
Age of Traveler[3]								
Under 18 Years	—	1,983	4,127	6,320	2,293	5,634	414	686
18-24	382	935	1,895	2,790	791	2,300	173	491
25-34	764	1,294	3,083	3,737	1,308	3,157	312	580
35-44	614	974	2,986	5,275	1,665	4,888	224	387
45-54	652	999	2,834	6,331	1,588	6,025	207	306
55-64	490	846	1,707	2,596	532	1,995	299	602
65 Years and Over	463	643	1,134	2,124	587	1,816	143	308
Education of Traveler[3]								
Elementary School or Less	308	2,086	4,232	6,521	2,253	5,711	499	810
High School	1,591	3,328	7,647	13,919	3,640	12,768	637	1,151
College	1,465	2,259	5,786	8,734	2,871	7,335	637	1,399
Sex of Traveler[3]								
Male	2,824	3,939	9,639	16,377	4,802	14,975	904	1,402
Female	540	3,735	8,026	12,796	3,962	10,838	868	1,958
Area of Permanent Residence								
In an SMSA Under One Million	953	2,339	7,143	7,877	3,666	6,996	541	880
In an SMSA One Million and Over	1,020	2,238	4,000	9,833	2,141	8,644	675	1,189
Not in an SMSA	1,391	3,097	6,522	11,464	2,957	10,173	555	1,291
Travel Region of Origin								
New England	(z)	(z)	138	133	12	17	96	116
Eastern Gateway	(z)	(z)	266	555	91	395	119	161
G. W. Country	(z)	(z)	176	349	51	288	46	61
South	(z)	(z)	312	1,454	161	1,310	70	144
Great Lakes Country	(z)	(z)	13,103	14,436	6,561	13,017	852	1,420
Mountain West	(z)	(z)	1,396	2,303	677	1,903	209	400
Frontier West	(z)	(z)	1,775	7,182	985	6,417	290	765
Far West and Hawaii	(z)	(z)	500	2,760	227	2,467	90	293

NOTE: Data include only those trips through the State in which 1 night or more was spent in the State. Detail may not add to totals within the table and totals may differ between tables due to rounding.

— Represents zero or rounds to zero. (z) Not applicable.

[1]Includes trips to destinations outside the United States.

[2]Nights spent in state.

[3]Includes total nights spent on trip, not just nights spent in state.

[4]Apparent inconsistency between figure for household trips and that for person-trips is because the two kinds of trips were weighted independently.

Iowa is an overnight trip to one-fourth of nation's population; has beelines to seaports

Iowa is an ideal distribution point.

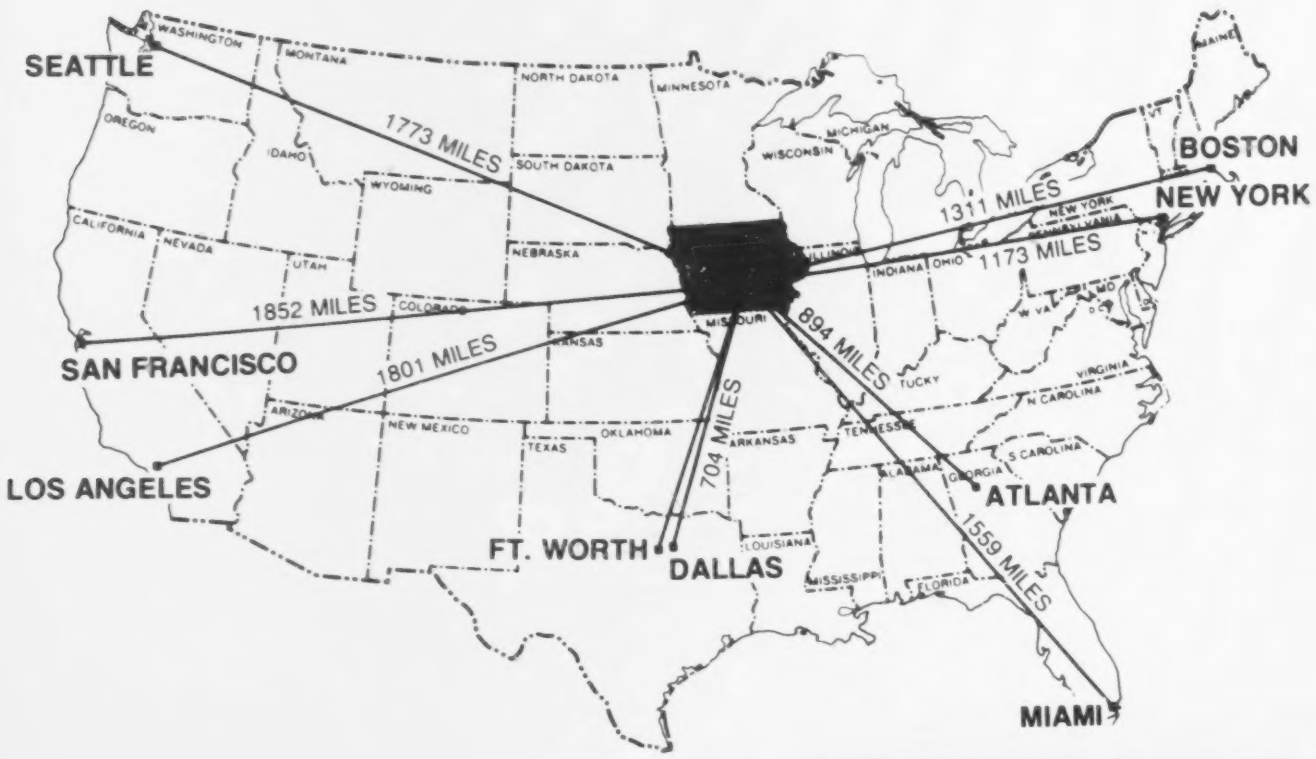
Only a day away are Chicago, Twin Cities, St. Louis, Kansas City, Milwaukee, Omaha, and Wichita—plus the many wealthy markets in between.

A rig can reach the farthest point in America in only three days; a train can do it in four.

The nation's two transcontinental interstate highways intersect in Iowa. The state is served by all major truck lines and "double bottoms" are legal. You can reach the sea by water or road.

Add Iowa's transportation advantages to its "Open Port Warehousing" and you have the perfect combination for moving products.

DISTANCE FROM CENTRAL IOWA TO URBAN CENTERS IN TEN-STATE REGIONAL MARKET



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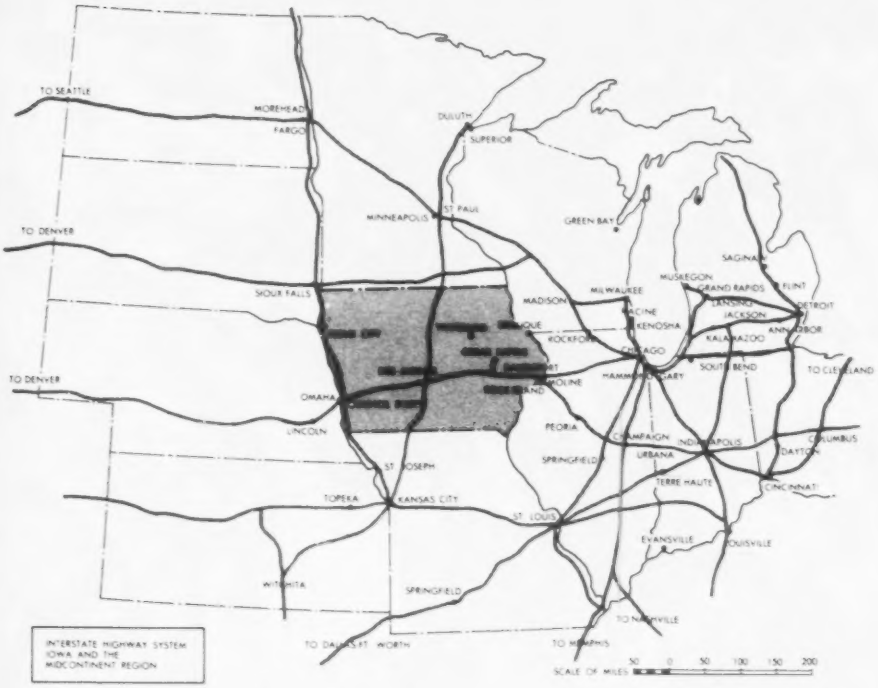
Iowa transportation



INTERSTATE HIGHWAY SYSTEM
IOWA AND THE MIDCONTINENT REGION

Iowa is ahead of 40 other states in miles of roads, even though it is only twenty-fifth in area.

Aside from its interstate highways, Iowa's extensive internal road system is based on a "farm-to-market" philosophy that reflects the urgency of moving the vast agricultural production.

Those same roads and highways, constantly updated, now also serve the industries that have been established in all parts of Iowa since World War II.

You can drive to Boston from Iowa's western border without hitting a stop sign.

how Iowa gets around—land and air

Railroads	
Class 1 miles of road operated 1983	5,027
Motor Vehicle Registration	2,960,256
Auto—1980	1,692,840
Trucks—1980	605,450
Motorcycles—1980	219,466
Truck tractors—1980	28,390
Airports—Public	350
All weather runways	93
Lighted runways	138

Iowa Highway and Road Mileage—Jan. 1, 1983	
Portland concrete	12,842.17
Asphalt paved	20,815.83
Bituminous treated	2,502.14
Gravel or stone	70,597.27
Not surfaced	5,604.25
Total	112,361.66
Municipal	12,259.90
Rural	99,791.95
State parks and inst. roads	309.81

Source: Iowa Department of Transportation

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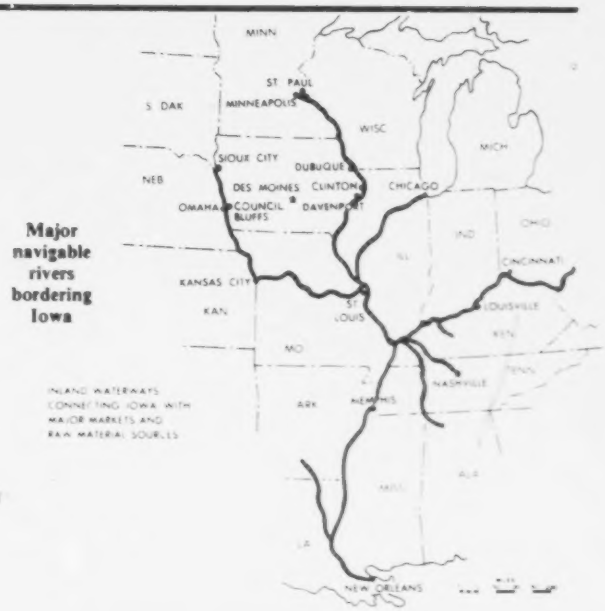
Iowa has water routes to the seas, industrial centers

Iowa is the *only* state bordered by two navigable rivers. Goods can go by water as far east as Pennsylvania, west to Oklahoma, and to seaports on the Gulf and Great Lakes.

More than 34 million tons of cargo moved on the Mississippi past Davenport in 1982. It included more than 21 million tons of grain, 5.6 million tons of coal, and more than 1.8 million tons of petroleum.

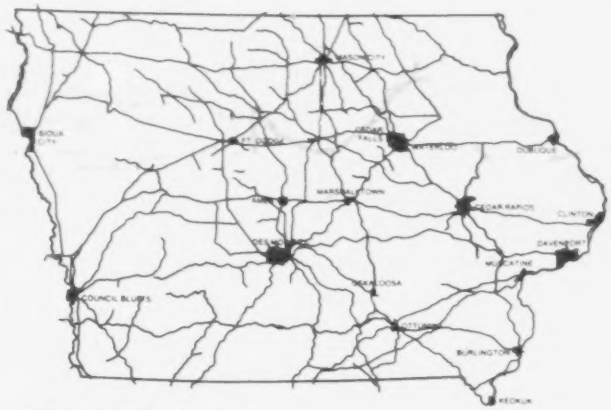


Major navigable rivers bordering Iowa

Iowa railroads reliable

Iowa has six Class I railroads and more than 5,000 miles of operated track.

Railroads serving Iowa offer "piggyback" service to 15 Iowa cities and 24 terminal sites. Shipments can reach about one-fourth of the nation in a day, the farthest point in only four days.



Major Railroads Serving Iowa

You can blanket Iowa by air

Iowa has more than 350 airports, more than 37 other states. Of these 93 have all weather runways and 138 are lighted.

The state is served by five major airlines (Frontier, Ozark, Republic, TWA, and United) and many commuter airlines.

You cannot drive more than 30 minutes in any direction in Iowa without finding an airport suitable for a company jet.

Airports in Iowa

BEST AVAILABLE COPY

revenue freight originating on class 1 railroads, Iowa (tons)

Code No	Commodity	1967	1970	1975	1980	1981	1982
01	Farm Products	6,594,827	10,950,353	10,571,249	17,850,717	15,563,411	11,550,424
08	Forest Products	50			—	—	—
09	Fresh Fish	474	592	216	—	—	—
10	Metallic Ores	623	1,597	308	170	286	178
11	Coal	608,077	548,202	243,922	13,220	148	523
13	Crude Petroleum	336	2,013		—	—	—
14	Nonmetallic Minerals	2,278,296	2,084,640	1,876,412	422,804	304,258	158,365
19	Ordnance and Accessories	112,806	115,309	51,292	4,972	6,252	6,120
20	Food and Kindred Products	7,431,136	7,737,795	7,138,873	6,752,803	6,798,592	6,496,620
21	Tobacco Products	269	54	18	—	32	—
22	Basic Textiles	1,182	1,018	722	296	1,443	671
23	Apparel and Finished Textile	3,690	444	54	39	31	26
24	Lumber and Wood Products	172,484	165,503	94,892	48,730	47,397	23,499
25	Furniture and Fixtures	22,188	31,973	27,299	15,103	15,688	9,515
26	Pulp, Paper and Allied Products	102,117	114,831	100,392	87,539	82,250	68,801
27	Printed Matter	42,367	40,719	27,387	12,530	9,060	5,731
28	Chemical and Allied Products	1,393,263	1,929,577	1,644,805	1,777,066	1,825,789	1,296,004
29	Petroleum and Coal Products	177,477	227,352	85,736	61,292	64,417	56,982
30	Rubber and Miscellaneous Plastic	35,605	110,663	93,208	36,041	35,072	32,475
31	Leather and Leather Products	355	2,161	94	847	1,231	2,662
32	Stone, Clay, Glass Products	2,925,747	2,062,995	1,187,516	1,029,447	847,484	579,765
33	Primary Metal Products	214,707	229,061	166,447	166,519	149,095	160,965
34	Fabricated Metal Products	82,960	80,117	54,569	79,743	59,267	5,702
35	Machinery Except Electrical	213,547	173,756	165,762	155,374	144,922	89,009
36	Electrical Machinery	113,961	166,603	154,534	39,762	32,847	22,367
37	Transportation Machinery	25,078	28,674	27,392	82,997	135,708	68,914
38	Instruments, Optical Products	156	301		—	75	143
39	Miscellaneous Manufacturing Products	1,239	1,938	2,455	1,551	1,144	359
40	Wasted Scrap Materials	379,301	504,531	579,930	627,277	721,465	411,238
41	Miscellaneous Freight Shipments	8,827	9,312	5,826	8,766	17,621	36,024
42	Container, Returned Empty	30,093	32,756	17,323	9,405	14,060	12,326
44	Freight Forwarder Traffic	844	3,078	406	11,302	212	—
45	Shipper Associate or Similar Traffic	397	1,438	11,306	6,054	6,235	22,831
46	Miscellaneous Mixed Shipments	26,237	41,408	87,611	144,252	173,555	129,389
	Grand Total Carload	23,000,716	27,400,765	24,417,956	29,446,618	27,059,047	21,247,628
47	Small Packaged Freight Shipments	6,041	8,866	1,660	1,851	2,126	963
	Carload and LCL Traffic	23,006,757	27,409,631	24,419,616	29,448,469	27,061,173	21,248,591

Source: Iowa Department of Transportation, Advance Planning Division.

revenue freight terminating on class 1 railroads, Iowa (tons)

Code No	Commodity	1967	1970	1975	1980	1981	1982
01	Farm Products	6,098,438	5,849,797	5,318,918	3,160,190	4,412,408	3,936,918
08	Forest Products	6,484	18,405	19,592	16,777	21,017	16,282
09	Fresh Fish	20,620	14,594	9,126	5,421	4,488	3,196
10	Metallic Ores	74,928	49,587	8,016	42,672	31,690	20,091
11	Coal	3,077,387	3,402,527	4,071,743	9,617,358	9,246,299	19,320,657
13	Crude Petroleum	274	2,224	224	30	45	317
14	Nonmetallic Minerals	2,642,300	2,459,163	2,352,562	743,136	567,715	278,314
19	Ordnance and Accessories	56,901	78,220	37,285	1,617	9,999	1,252
20	Food and Kindred Products	2,222,532	2,455,156	1,765,620	1,200,952	1,264,029	916,244
21	Tobacco Products	2,135	4,209	6,907	2,901	1,982	1,964
22	Basic Textiles	17,306	16,886	18,893	5,299	2,654	755
23	Apparel and Finished Textile	3,874	905	476	149	42	17
24	Lumber and Wood Products	678,543	627,922	545,636	299,121	267,209	177,436
25	Furniture and Fixtures	18,098	24,031	20,097	7,703	5,239	1,702
26	Pulp, Paper and Allied Products	618,441	756,008	685,197	716,355	725,287	620,886
27	Printed Matter	4,786	6,019	9,493	504	107	34
28	Chemical and Allied Products	2,720,422	3,209,320	3,362,749	3,314,087	3,295,270	2,596,669
29	Petroleum and Coal Products	520,527	462,522	440,687	187,675	206,106	145,195
30	Rubber and Miscellaneous	42,308	68,369	47,288	20,736	15,613	11,033
31	Leather and Leather Products	582	2,528	196	—	—	—
32	Stone, Clay, Glass Products	1,774,557	840,991	633,174	263,722	335,546	245,572
33	Primary Metal Products	666,911	700,010	484,711	549,684	626,355	362,578
34	Fabricated Metal Products	185,250	161,217	117,788	30,755	22,817	5,575
35	Machinery Except Electrical	92,382	67,346	57,804	17,949	12,643	8,568
36	Electrical Machinery	35,881	49,500	27,671	12,483	13,073	5,138
37	Transportation Machinery	175,062	186,929	252,591	162,410	183,235	111,687
38	Instruments, Optical Products	420	867	509	20	—	—
39	Miscellaneous Manufacturing Products	1,722	2,474	1,382	5,415	697	802
40	Wasted Scrap Materials	320,549	367,445	313,510	482,351	570,358	391,165
41	Miscellaneous Freight Shipments	10,166	7,530	4,102	3,687	10,590	26,860
42	Container, Returned Empty	6,175	6,087	8,019	8,839	9,926	9,129
44	Freight Forwarder Traffic	8,365	12,325	2,628	1,159	3,663	1,409
45	Shipper Associate or Similar Traffic	17,119	4,588	13,653	14,919	10,795	15,025
46	Miscellaneous Mixed Shipments	54,993	103,996	115,415	73,988	53,566	48,140
	Grand Total Carload	22,176,438	22,140,697	20,753,662	20,978,064	21,930,463	19,280,630
47	Small Packaged Freight Shipments	7,705	6,231	5,232	1,099	1,388	1,103
	Carload and LCL Traffic	22,184,143	22,146,928	20,758,894	20,979,163	21,931,851	19,281,733

Source: Iowa Department of Transportation, Advance Planning Division.

Iowa's transportation industry, 1981

SIC Code	Industry Description	Number of Establishments	Number of Employees	Annual Payroll ($000)
41	Local and interurban passenger transit	100	1,517	12,700
411	Local and suburban transportation	35	556	3,302
412	Taxicabs	28	334	1,888
413	Intercity highway transportation	11	320	6,035
415	School buses	11	163	811
42	Trucking and warehousing	1,872	18,203	310,582
421	Trucking, local and long distance	1,686	16,785	291,114
422	Public warehousing	160	1,211	15,635
423	Trucking terminal facilities	11	127	2,901
45	Transportation by air	74	822	13,149
451	Air transportation	47	659	11,390
458	Air transportation services	19	100	1,061
47	Transportation services	142	1,038	12,571
472	Arrangement of transportation	113	620	7,018

Source: County Business Patterns, 1981, Bureau of the Census, U.S. Department of Commerce.

in many Iowa commodity groups, truck transportation predominates

Commodity Groups	Intercity Truck Tonnage (Thousands)	Truck Percent of Total	Value of Shipments (Million Dollars)*	Truck Percent of Total
Food & Kindred Products	13,459	61.6	$ 7,427	75.5
Lumber & Wood Products	262	66.8	213	82.9
Furniture & Fixtures	89	89.9	236	89.7
Pulp & Paper	380	99.2	375	96.4
Printed Matter	678	93.8	564	79.1
Rubber & Plastic Products	270	75.0	595	71.7
Stone, Clay, Glass & Concrete Products	14,871	93.6	491	87.7
Primary Metal Products	401	84.8	662	87.1
Fabricated Metal Products	391	86.7	825	80.3
Non-electrical Machinery	1,194	74.1	3,609	75.6
Electrical Machinery	231	68.8	875	60.3
Miscellaneous Commodities	662	62.5	1,873	73.7
TOTAL	32,888	75.4	$17,745	75.8

*Value of shipments is defined as the "net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes."
†Includes air, water, parcel delivery, and others.
Source: 1977 Census of Transportation, Commodity Transportation Survey, U.S. Department of Commerce.

Iowa public transit

Iowa has 33 tax supported public transit systems; 17 urban and 16 regional (rural). During fiscal year 1983, these public transit systems provided approximately 15,117,000 miles of service, transporting 20,906,928 passengers.

	Urban Areas			Regional Area			Total		
	1981	1982	1983	1981	1982	1983	1981	1982	1983
Miles of Service (000)	9,783	9,931	10,051	4,485	4,734	5,066	14,268	14,665	15,117
Passengers (000)	19,692	19,644	18,883	1,664	1,793	2,024	21,356	21,437	20,907

Source: Public Transit Division, Iowa Department of Transportation.

unofficial navigation tonnage

	1970 (tons)	1975 (tons)	1978 (tons)	1979 (tons)	1980 (tons)	1981 (tons)	1982 (tons)
Missouri River							
Traffic: Sioux City to Omaha							
Grain	93,112	34,146	228,384	195,516	59,316	34,883[1]	19,663
Food & Kindred Products	113,243	119,090	141,023	156,087	148,594	134,567[1]	219,663
Chemicals	118,198	138,149	97,058	142,080	85,679	101,020	99,348
Other	48,765	64,029	50,151	48,615	56,704	52,376	65,158
Total	373,318	355,414	516,616	542,298	350,293	322,846	403,832
Mississippi River							
Traffic: Rock Island District							
Grain	9,022,300	12,054,324	16,757,603	21,358,560	22,774,160	25,724,670	21,559,655
Coal	6,401,355	4,932,500	4,168,450	4,176,600	4,176,600	3,948,684	5,624,925
Petroleum	2,708,721	2,100,053	2,519,879	2,488,060	2,586,760	2,651,087	1,820,068
Other	4,278,094	5,418,246	5,830,900	4,589,233	4,817,869	4,498,496	5,566,616
Total	22,410,470	24,505,123	29,276,832	32,612,453	34,355,389	36,822,937	34,571,264

[1]Grain is reported in food and kindred products, and the 1981 and 1982 grain figure reflects other agricultural products such as alfalfa pellets.
Source: Iowa Department of Transportation.

Iowa road construction, summary of contracts approved

Fiscal Year	Primary Roads	Interstate Roads	State Parks and Institutional Roads	Farm to Market Roads	Total
7-1-73 to 6-30-74	$ 73,580,000	$51,147,000	$1,360,000	$32,310,000	$158,710,905
7-1-74 to 6-30-75	93,693,469	28,921,887	839,234	38,643,382	162,097,972
7-1-75 to 6-30-76	74,349,436	24,923,643	655,277	31,019,921	130,948,279
7-1-76 to 6-30-77	99,076,327	43,357,379	679,271	33,989,926	177,102,904
7-1-77 to 6-30-78	121,110,115	15,007,379	805,732	45,051,623	181,974,849
7-1-78 to 6-30-79	105,277,146	54,518,440	1,437,092	47,287,367	208,520,045
7-1-79 to 6-30-80	75,539,584	20,875,799	1,873,698	49,772,220	148,061,291
7-1-80 to 6-30-81	74,174,384	33,638,590	2,011,011	64,563,285	174,387,270
7-1-81 to 6-30-82	73,162,427	51,858,856	968,299	48,909,611	190,646,008
7-1-82 to 6-30-83	118,742,693	68,773,026	1,572,330	57,221,855	246,309,906

Source: Iowa Department of Transportation, Contracts.

traffic fatalities midwest states

State	Traffic Deaths 1980	Traffic Deaths 1981	Traffic Deaths per 100,000,000 vehicle miles 1980	Traffic Deaths per 100,000,000 vehicle miles 1981
U.S.	52,600	50,800	3.5	3.3
Iowa	626	612	3.3	3.2
Illinois	1,994	1,880	3.1	2.8
Kansas	595	568	3.5	3.3
Minnesota	863	729	3.1	2.6
Missouri	1,191	1,107	3.5	3.1
Nebraska	396	383	3.5	3.3
S. Dakota	228	117	4.1	2.8
Wisconsin	985	949	3.0	2.9

Source: National Safety Council, Accident Facts, 1982 Edition.

class 1 railroads[1], Iowa

	1960	1965	1970	1975	1980[2]	1982[2]	1983[2]
Miles of road operated within the state	8,301	8,154	7,963	7,457	4,650	5,189	5,027
Tons of revenue freight carried within the state	89,663,657	101,803,715	93,916,708*	112,680,340	137,294,000	108,728,407	N/A

N/A = Not Available
[1]Class 1 railroads are those having revenues of $50 million and over per year.
[2]Data from Rock Island not available.
Source: Iowa Department of Transportation, Advance Planning Section.

registered aircraft in Iowa

	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982
Number of registered aircraft in Iowa	1,654	2,565	2,789	2,984	2,907	2,940	2,970	3,000	3,417	3,099

Source: Iowa Department of Transportation, Aeronautics Division.

motor vehicle registrations, Iowa

	1960	1965	1970	1974	1975	1976	1977	1978	1979
Autos	1,074,094	1,241,090	1,387,368	1,497,497	1,528,511	1,584,953	1,617,707	1,531,190	1,703,725
Trucks	240,791	293,473	374,080	468,015	498,049	501,294	560,610	527,287	593,385
Truck Tractors	7,372	6,731	7,406	12,631	12,651	20,026	12,335	6,505	10,901
Motorcycles	11,068	25,778	60,835	138,021	148,669	151,131	159,503	160,136	203,600
Semi-Trailers	126,051	7,817	9,841	14,589	16,364	38,170	18,661	20,185	28,936
Regular Trailers		89,125	113,242	145,838	159,505	169,580	180,270	171,751	224,944
Travel Trailers		16,834	39,013	56,426	60,505	64,909	68,172	64,977	70,066
Mobile Homes		34,619	48,720	73,475	76,095	78,620	81,326	49,934	80,171
Total Registrations	1,459,376	1,747,150	2,075,805	2,393,542	2,506,722	2,608,683	2,698,584	2,531,965	2,915,728
Official Registrations				47,238	39,800	41,097	NA	NA	NA
Total				2,454,764	2,546,522	2,649,780	2,698,584	2,531,965	2,915,728

[1]Figure for total trailers.
Source: Iowa Department of Transportation, Motor Vehicle Registration Reports for 1960, 1965, 1970, 1974-79.

motor vehicle registration, 1982

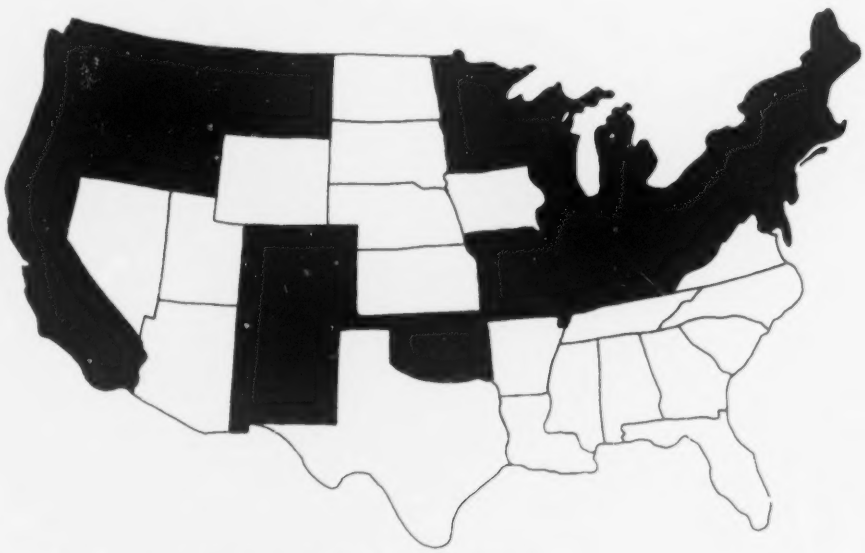
County	Total Registrations[1]	County	Total Registrations
Adair	11,274	Jefferson	16,582
Adams	7,004	Johnson	69,012
Allamakee	16,293	Jones	21,006
Appanoose	16,223	Keokuk	14,614
Audubon	9,516	Kossuth	25,329
Benton	25,910	Lee	43,453
Black Hawk	136,509	Linn	164,216
Boone	29,572	Louisa	14,000
Bremer	26,375	Lucas	11,610
Buchanan	23,600	Lyon	13,924
Buena Vista	23,604	Madison	14,777
Butler	20,208	Mahaska	24,760
Calhoun	15,225	Marion	30,691
Carroll	23,842	Marshall	44,931
Cass	19,674	Mills	13,370
Cedar	21,160	Mitchell	13,479
Cerro Gordo	50,407	Monona	13,560
Cherokee	18,535	Monroe	10,241
Chickasaw	16,627	Montgomery	14,780
Clarke	9,511	Muscatine	43,169
Clay	21,667	O'Brien	18,952
Clayton	22,288	Osceola	9,463
Clinton	54,644	Page	19,008
Crawford	20,407	Palo Alto	13,877
Dallas	33,812	Plymouth	25,394
Davis	9,242	Pocahontas	13,364
Decatur	9,859	Polk	292,429
Delaware	19,178	Pottawattamie	81,822
Des Moines	47,611	Poweshiek	21,181
Dickinson	19,130	Ringgold	7,417
Dubuque	75,853	Sac	16,011
Emmet	15,400	Scott	146,441
Fayette	25,887	Shelby	16,737
Floyd	21,240	Sioux	30,592
Franklin	15,406	Story	59,169
Fremont	10,703	Tama	21,896
Greene	14,933	Taylor	9,353
Grundy	16,577	Union	15,090
Guthrie	14,060	Van Buren	9,554
Hamilton	20,928	Wapello	40,533
Hancock	15,534	Warren	36,918
Hardin	24,473	Washington	22,365
Harrison	17,734	Wayne	9,429
Henry	18,299	Webster	46,765
Howard	12,118	Winnebago	14,683
Humboldt	14,771	Winneshiek	21,221
Ida	10,365	Woodbury	90,976
Iowa	17,498	Worth	10,230
Jackson	22,869	Wright	18,253
Jasper	40,074		
		County Total	2,960,256

[1]Does not include non-resident registrations.
Source: Iowa Department of Transportation, Motor Vehicle Registration Division.

right to work protected by Iowa law

Iowa law insures that no worker can be deprived of getting or keeping a job because the worker belongs, or does not belong, to any kind of organization—association, labor union, club, or professional group.

Traditionally, support for this law has transcended philosophical differences between political parties and among Iowa legislators. It is unlikely to be changed.



STATES WHICH BAN FORCED UNIONISM ARE SHOWN IN WHITE

All of the plains states except one were below the national average in estimated time lost due to work stoppages.

Iowa scores well in labor-management harmony

	Union Membership (000's)			Work Stoppages 1979		
	1970r	1978r	1980	Number	Workers Involved (000's)	Days (Idle (000's)
Iowa	216	250	244	60	46	747
Minnesota	420	464	463	112	28	573
Kansas	143	144	146	23	11	107
Illinois	1,613	1,590	1,487	394	222	4,233
Nebraska	101	116	114	14	13	79
Missouri	624	598	544	123	37	988
Wisconsin	510	573	554	84	26	977
South Dakota	26	34	35	11	2	53
Indiana	694	700	649	193	59	1,547
Ohio	1,509	1,472	1,376	508	170	3,573
All States	21,852	23,306	22,811	4,827	1,727	34,754

r/revised.
Source: U.S. Department of Commerce, Bureau of the Census, Statistical Abstract of the United States, 1982.

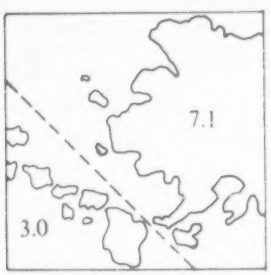
Iowa unemployment consistently below national average...

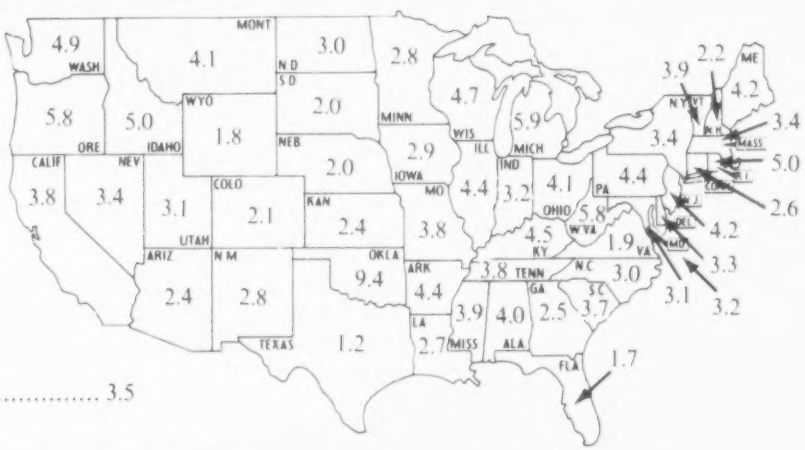
Year	IOWA Total Labor Force (000)	IOWA Total Employment (000)	IOWA Number Unemployed (000)	IOWA Unemployment Rate (%)	U.S. Unemployment Rate (%)
1950	**1097.7**	**1065.2**	**32.5**	**3.0**	5.3
1951	**1100.0**	**1075.7**	**24.3**	**2.2**	3.3
1952	**1084.8**	**1057.3**	**27.5**	**2.5**	3.1
1953	**1071.7**	**1043.7**	**28.0**	**2.6**	2.9
1954	**1066.0**	**1028.5**	**37.5**	**3.5**	5.6
1955	1072.6	1042.5	30.1	2.8	4.4
1957	1079.7	1047.7	32.0	3.0	4.3
1958	1077.0	1039.5	37.5	3.5	6.8
1959	1102.1	1071.5	30.5	2.8	5.5
1960	1104.1	1069.1	35.0	3.2	5.5
1961	**1104.2**	**1061.0**	**43.3**	**3.9**	6.7
1962	**1087.8**	**1051.0**	**36.8**	**3.4**	5.5
1963	**1082.9**	**1049.7**	**33.1**	**3.1**	5.7
1964	**1095.4**	**1065.7**	**29.7**	**2.7**	5.2
1965	**1118.5**	**1091.4**	**27.1**	**2.4**	4.5
1966	1152.0	1127.6	24.3	2.1	3.8
1967	1167.4	1138.7	28.7	2.5	3.9
1968	1177.3	1147.6	29.6	2.5	3.6
1969	1194.1	1160.7	33.4	2.8	3.5
1970[2]	1195.5	1155.7	39.8	3.3	4.9
1971	**1208.6**	**1167.3**	**41.3**	**3.4**	5.9
1972	**1250.3**	**1218.0**	**32.3**	**2.6**	5.6
1973	**1284.3**	**1257.8**	**26.5**	**2.1**	4.9
1974	**1303.5**	**1275.2**	**28.2**	**2.2**	5.6
1975	**1315.4**	**1259.6**	**55.8**	**4.2**	8.5
1976	1335.0	1282.0	53.0	4.0	7.7
1977	1385.0	1329.0	56.0	4.0	7.0
1978	1419.0	1362.0	57.0	4.0	6.0
1979	1432.0	1373.0	59.0	4.1	5.7
1980	1431.0	1344.0	82.0	5.8	7.1
1981r	**1427.0**	**1328.0**	**99.0**	**6.9**	7.5
1982	**1418.0**	**1297.0**	**121.0**	**8.5**	9.5

r = revised
[1]Data from 1970 through 1980 has been revised to a "place of residence" concept.
[2]Data from 1970 through 1981 has been adjusted to current population survey.
Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May, 1983.

...so unemployment insurance is used less

Map shows insured 1981 unemployment as percent of average covered employment in the previous year





National Average..... 3.5

Source: U.S. Department of Commerce, Statistical Abstract of the United States, 1982.

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individual Iowans outproduce their neighbors

Manufacturing 1978

Midwest States	Value Added (000,000)	Number of Production Workers (000)	Value Added Per Production Worker	Value Added Per Production Man-Hour	Value Added Per Dollar Paid in Production Wages
Iowa	$ 9,846.1	175.6	$56,071	$29.08	$4.05
Minnesota	10,908.1	228.2	47,800	24.89	3.91
South Dakota	726.1	17.7	41,022	20.68	3.57
Nebraska	3,249.7	66.9	48,575	24.45	4.13
Kansas	6,153.9	132.3	46,514	23.01	3.76
Missouri	15,031.3	308.2	48,771	25.46	3.97
Illinois	44,854.4	870.0	51,556	26.31	3.77
Wisconsin	18,813.9	399.2	47,129	24.12	3.49
Indiana	25,699.9	541.7	47,433	24.28	3.24
Ohio	47,641.4	937.9	50,796	25.49	3.34
United States	657,245.8	14,231.0	46,184	23.74	3.72

Source: 1978 Census of Manufactures, U.S. Department of Commerce, Bureau of the Census

look at Iowa's favorable employment climate

	Year	United States	Iowa	Minnesota	South Dakota	Nebraska	Kansas	Missouri	Illinois	Wisconsin	Indiana	Ohio
Annual average nonagricultural employment (000)	1980r	90,406	1,109.9	1,771.0	238.0	627.6	944.7	1,969.8	4,850.3	1,938.1	2,129.5	4,367.4
	1981r	91,105	1,088.6	1,762.7	236.0	623.2	949.7	1,956.3	4,732.3	1,919.9	2,144.4	4,317.6
	1982	89,630	1,030.6	1,708.8	230.1	603.5	919.2	1,916.2	4,590.5	1,867.2	2,010.3	4,138.7
Annual average manufacturing employment (000)	1980r	20,285	244.8	371.2	26.1	96.4	190.5	437.0	1,208.2	558.0	657.0	1,264.3
	1981r	20,173	236.5	364.0	25.9	94.9	188.6	427.5	1,131.4	543.1	652.6	1,232.6
	1982	18,848	207.7	346.3	25.0	86.5	166.2	407.3	1,019.5	496.3	583.3	1,103.6
Average weekly manufacturing earnings (Dollars)	1980r	288.62	343.33	299.83	265.85	299.63	297.75	284.59	319.20	323.10	337.90	347.94
	1981r	318.00	379.20	330.96	296.19	322.80	325.22	318.37	356.23	352.55	375.74	389.78
	1982	330.65	387.00	356.20	302.50	335.51	345.54	326.56	365.11	370.87	383.77	403.81
Average weekly manufacturing hours	1980r	39.7	39.6	39.4	40.9	40.6	40.4	39.2	39.8	40.2	39.8	40.6
	1981r	39.8	39.5	39.4	41.6	40.3	40.4	40.3	40.0	40.1	40.1	40.9
	1982	38.9	38.7	39.1	41.1	39.8	39.4	38.6	39.2	39.6	39.2	40.1
Average hourly manufacturing earnings, incl. overtime (Dollars)	1980r	7.27	8.67	7.61	6.50	7.38	7.37	7.26	8.02	8.03	8.49	8.57
	1981r	7.99	9.60	8.40	7.12	8.01	8.05	7.90	8.91	8.80	9.37	9.53
	1982	8.50	10.00	9.11	7.36	8.43	8.77	8.46	9.31	9.37	9.79	10.07
Labor union membership/ Nonagricultural employment (%)	1980	25.2	22.0	26.2	14.7	18.2	15.4	27.6	30.6	28.6	30.4	31.5
Unemployment (%)	1981r	7.5	6.9	5.5	5.1	4.1	4.2	7.7	8.5	7.8	10.1	9.6
	1982	9.5	8.5	7.8	5.5	6.1	6.3	9.2	11.3	10.7	11.9	12.5

r = revised

Source: 1Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1983.
2Statistical Abstract of the United States, 1982.

nonagricultural employment shows Iowa's versatility *(figures in 000's)*

Industry	1960 Annual Average	1965 Annual Average	1970 Annual Average	1975r Annual Average	1979r Annual Average	1980r Annual Average	1981r Annual Average	1982 Annual Average
Total Nonagricultural	681.0	754.6	882.8	998.7	1131.7	1109.9	1088.6	1030.6
Manufacturing	176.6	192.4	215.5	230.4	259.8	244.8	236.5	207.7
Durable goods	94.1	107.8	122.8	141.4	163.1	150.0	143.8	121.1
Lumber and furniture	7.5	6.5	8.2	8.6	10.2	8.5	8.3	7.2
Stone, clay and glass	6.8	6.5	6.7	7.0	7.8	6.4	5.5	4.4
Primary metal industries	6.4	8.0	8.5	7.6	9.2	8.5	8.6	7.8
Fabricated metal products	9.6	11.0	13.1	17.7	20.4	19.3	18.7	16.5
Machinery (except electrical)	33.6	41.3	44.6	59.0	68.4	64.9	62.0	48.1
Farm machinery	21.5	26.2	24.0	26.7	28.8	26.9	26.2	20.6
Construction and related machinery	5.0	6.1	9.0	19.3	23.2	22.1	19.5	12.9
Electrical equipment and supplies	19.4	22.7	23.7	24.7	26.0	25.3	23.5	21.3
Transportation equipment	2.2	2.7	5.6	8.3	10.1	7.4	7.6	6.8
Other durable goods[1]	8.6	9.1	12.4	8.6	11.1	9.7	9.6	8.9
Nondurable goods	82.5	84.6	92.7	89.0	96.7	94.8	92.7	86.7
Food and kindred products	53.4	51.5	54.4	47.7	48.9	48.5	46.9	43.8
Meat products	27.3	25.6	28.2	23.3	24.4	24.9	23.9	21.8
Grain mill products	8.8	9.4	10.9	11.1	11.5	11.3	11.1	10.1
Bakery products	NA	3.8	3.3	2.9	2.6	2.4	2.1	2.0
Apparel	3.8	3.9	4.0	3.8	4.2	4.1	4.0	3.9
Printing and publishing	11.9	12.3	13.6	15.0	17.7	17.8	17.6	17.4
Newspapers	6.0	6.2	6.6	6.5	7.6	7.4	7.1	6.9
Chemicals and allied products	5.1	6.1	7.5	7.2	8.1	7.8	7.6	6.8
Other nondurable goods[2]	1.2	1.3	1.8	2.1	2.2	2.1	2.1	1.8
Paper and allied products	2.2	2.9	3.6	3.7	4.1	4.2	3.9	3.6
Rubber and plastic products	4.8	6.6	7.8	9.5	11.6	10.3	10.6	9.4
Nonmanufacturing	504.4	562.2	667.3	768.3	871.9	865.1	852.1	822.9
Mining	3.3	3.3	3.0	2.8	2.6	2.2	2.0	1.8
Contract construction	36.6	37.4	40.6	49.8	59.9	50.9	44.4	35.1
Transportation and public utilities	53.6	49.6	51.1	53.3	58.2	56.3	55.0	52.2
Railroad transportation	15.7	12.5	10.1	9.0	8.8	8.0	7.8	6.5
Communication	12.9	11.5	12.5	13.3	14.5	14.5	14.2	13.6
Electric, gas and sanitary service	9.7	9.0	9.7	9.8	10.4	10.5	10.5	10.5
Wholesale and retail trade	169.8	185.6	209.2	250.8	286.4	280.7	277.4	263.5
Wholesale trade	42.4	43.8	44.1	67.8	76.1	76.7	75.4	72.8
Retail trade	127.5	141.8	165.2	183.0	210.3	203.9	201.9	190.7
Retail general merchandise	20.1	22.4	25.6	25.5	28.2	27.4	27.2	25.7
Finance, insurance and real estate	31.6	35.8	41.0	48.3	56.8	58.3	59.1	58.7
Banking	9.4	11.0	13.2	15.8	17.8	18.1	18.4	18.3
Insurance carriers, agents, and brokers	13.5	14.9	16.6	19.3	22.7	23.5	23.8	24.3
Service and miscellaneous	92.6	111.9	146.7	171.5	203.4	209.3	211.1	209.6
Medical and other health services	26.3	34.1	44.3	60.2	74.4	77.1	79.0	79.7
Government	116.9	138.5	175.7	192.0	204.5	207.4	203.1	202.0

r/revised.
[1]Includes ordnance and accessories, instruments and related products, and miscellaneous manufacturing.
[2]Includes textile mill products, petroleum and coal products, and leather and leather products.
Place of Work Concept: Method by which an employed individual is counted in the area where he works regardless of the area where he lives.
Source: Research and Statistics Division, Job Service of Iowa.

Iowa factory workers[a] earn good, not excessive, hourly wages

Industry	1965 Average	1970 Average	1975 Average	1977 Average	1979 Average	1980 Average	1981r Average	1982 Average
Manufacturing	$2.78	$3.70	$5.40	6.43	$7.75	$8.67	$9.60	$10.00
Durable goods	2.76	3.60	5.45	6.51	7.82	8.70	9.74	10.16
Lumber and furniture	2.13	2.99	4.44	5.35	6.32	6.94	7.53	7.99
Stone, clay and glass products	2.62	3.53	5.02	6.19	7.32	7.93	8.66	9.22
Primary metal industries	3.08	3.81	5.73	7.29	8.68	9.70	10.72	11.49
Fabricated metal products	**2.51**	**3.35**	**4.84**	**5.52**	**6.62**	**7.01**	**7.65**	**8.36**
Machinery except electrical	**3.14**	**4.05**	**6.36**	**7.85**	**9.22**	**10.36**	**11.78**	**12.31**
Farm machinery	**3.36**	**4.27**	**6.80**	**8.16**	**9.61**	**10.97**	**12.67**	**13.26**
Constructed and related machinery	**2.89**	**4.02**	**6.54**	**8.30**	**9.83**	**10.92**	**12.22**	**12.73**
Electrical equipment and supplies	**2.43**	**3.26**	**4.59**	**5.44**	**6.75**	**7.47**	**8.37**	**8.95**
Transportation equipment	2.39	3.15	4.17	4.73	5.57	6.54	7.46	7.83
Other durable goods	2.39	3.26	4.18	4.69	5.57	6.13	6.72	7.29
Nondurable goods	2.82	3.82	5.32	6.32	7.63	8.63	9.39	9.79
Food and kindred products	2.90	4.04	5.75	6.95	8.44	9.55	10.22	10.34
Meat products	3.30	4.59	6.43	7.67	9.28	10.75	11.33	11.04
Grain-mill products	**2.89**	**3.80**	**5.77**	**6.93**	**8.31**	**9.03**	**10.13**	**11.06**
Apparel and other textile products	**1.60**	**2.26**	**2.85**	**3.36**	**4.02**	**4.53**	**5.09**	**5.50**
Paper and allied products	**b.**	**2.94**	**4.55**	**5.28**	**6.35**	**6.88**	**7.66**	**8.21**
Printing and publishing	**2.88**	**3.86**	**5.03**	**5.87**	**6.93**	**7.82**	**8.79**	**9.82**
Newspapers	**3.08**	**4.15**	**5.03**	**5.44**	**6.29**	**6.76**	**7.29**	**7.82**
Chemicals and allied products	2.88	3.72	5.44	6.46	7.66	8.46	9.40	10.27
Rubber and plastics products, nec	b.	4.17	5.37	5.22	7.63	8.58	9.47	9.98
Other nondurable goods	2.94	2.09	2.61	3.84	4.28	4.83	5.27	5.50

r. revised

a. Estimates are based upon a sample of full or part-time production and related employees, who worked or received pay in the above industry groups during the week containing the 12th. Average hourly earnings reflect, in addition to changes in basic and incentive wage rates, such variable factors as overtime, late shift work, changes in output of workers paid on an incentive basis, and changing employment of workers, between relatively high-paid and low-paid work, and full-time status. Based on 1967 Standard Industrial Classification.

b. Included in "other durable goods."

Source: Research and Statistics Division, Job Service of Iowa

Iowa's metropolitan workforce

TOTAL

Area	Labor Force (000) 1980	1981r	1982	Unemployed Rate 1980	1981r	1982	Non-Agriculture Employment (000) 1980	1981r	1982
IOWA	1431.0	1427.0	1418.0	5.8	6.9	8.5	1101.4	1088.6	1030.6
Cedar Rapids	89.5	87.9	85.5	6.5	8.1	9.7	85.2	81.9	76.2
Des Moines	184.4	184.2	183.3	5.5	7.2	7.8	179.1	177.2	170.5
Dubuque	45.6	45.0	43.5	8.5	10.7	14.1	43.6	41.9	37.6
Sioux City	53.8	54.9	54.6	6.3	7.4	8.1	48.9	49.2	46.4
Waterloo–Cedar Falls	69.4	68.7	67.2	7.0	8.0	12.1	65.8	64.7	58.8

Area	Employment (000s) 1980	1981r	1982	Manufacturing Average Weekly Hours 1980	1981r	1982	Average Weekly Earnings 1980	1981r	1982
IOWA	243.5	236.5	207.7	39.6	39.5	38.7	$343.33	$379.20	$387.00
Cedar Rapids	28.3	26.2	23.1	40.2	39.9	39.8	346.32	379.85	398.00
Des Moines	24.7	23.5	20.5	39.0	38.7	38.8	347.49	387.39	422.14
Dubuque	15.4	14.5	10.9	39.2	39.1	38.4	396.70	421.10	420.48
Sioux City	8.9	9.1	8.3	41.3	39.6	39.8	328.75	317.20	347.85
Waterloo-Cedar Falls	22.7	22.8	18.8	41.0	39.2	37.9	453.46	497.06	492.70

Source: Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics, May 1983

unemployment rates by county[1]

County	1980	1981	1982
Adair	3.4	2.6	3.3
Adams	3.3	2.8	4.3
Allamakee	6.8	5.9	7.0
Appanoose	8.8	6.9	10.8
Audubon	2.9	2.9	3.9
Benton	4.2	5.0	9.7
Black Hawk	5.7	5.4	9.2
Boone	3.8	3.3	5.4
Bremer	4.8	4.5	7.3
Buchanan	5.2	4.7	7.3
Buena Vista	2.6	2.9	5.5
Butler	5.0	5.0	7.6
Calhoun	2.7	3.1	4.4
Carroll	4.4	4.5	5.8
Cass	3.4	3.4	3.9
Cedar	2.7	2.7	5.2
Cerro Gordo	5.1	4.8	5.9
Cherokee	3.1	3.7	3.8
Chickasaw	8.8	7.3	8.8
Clarke	5.0	4.7	6.4
Clay	3.8	3.7	4.2
Clayton	6.6	5.5	7.8
Clinton	4.6	5.5	9.4
Crawford	2.9	3.2	5.0
Dallas	4.8	4.2	5.6
Davis	4.5	5.4	7.7
Decatur	3.9	3.6	4.4
Delaware	6.2	5.5	7.7
Des Moines	6.6	6.7	9.6
Dickinson	4.4	4.2	5.7
Dubuque	7.0	7.3	10.8
Emmet	4.5	4.5	9.7
Fayette	5.6	4.5	7.9
Floyd	10.5	8.4	11.1
Franklin	3.2	2.8	5.4
Fremont	1.9	2.0	2.3
Greene	5.1	4.5	6.3
Grundy	3.6	2.6	4.6
Guthrie	3.9	3.8	4.6
Hamilton	3.9	3.7	4.4
Hancock	6.2	3.5	5.7
Hardin	2.8	2.8	3.5
Harrison	3.7	3.6	6.1
Henry	4.9	5.1	6.1
Howard	5.2	4.3	6.0
Humboldt	4.4	3.6	5.0
Ida	2.7	2.1	2.4
Iowa	2.4	3.1	5.2
Jackson	7.3	6.8	10.1
Jasper	6.4	5.3	8.1
Jefferson	5.0	4.6	8.2
Johnson	2.9	3.1	3.2
Jones	4.5	4.2	6.9
Keokuk	7.1	7.1	8.2
Kossuth	4.9	4.2	5.5
Lee	5.9	6.1	9.1
Linn	5.3	5.4	7.3
Louisa	3.2	2.5	4.4
Lucas	5.0	4.1	5.8
Lyon	3.4	2.9	2.4
Madison	4.7	4.8	6.1
Mahaska	4.6	4.5	6.4
Marion	3.2	2.7	3.9
Marshall	4.5	4.1	7.2
Mills	2.7	2.7	3.3
Mitchell	6.6	5.5	6.0
Monona	4.5	4.0	5.5
Monroe	5.7	6.2	10.5
Montgomery	4.2	3.6	4.7
Muscatine	4.0	3.7	5.3
O'Brien	2.8	2.7	3.1
Osceola	4.1	4.2	5.5
Page	3.3	3.2	5.5
Palo Alto	4.4	4.3	5.7
Plymouth	3.5	3.5	4.3
Pocahontas	3.2	3.5	5.6
Polk	4.8	5.1	6.3
Pottawattamie	5.1	5.4	6.0
Poweshiek	4.3	3.3	5.0
Ringgold	2.9	2.5	4.2
Sac	3.9	4.3	8.6
Scott	4.3	5.3	8.4
Shelby	3.2	3.3	4.1
Sioux	3.4	3.2	3.3
Story	2.8	2.6	3.2
Tama	2.3	2.2	3.6
Taylor	3.1	2.6	4.4
Union	4.2	3.9	4.6
Van Buren	6.2	5.3	8.2
Wapello	6.5	7.9	9.4
Warren	3.9	3.8	4.2
Washington	4.4	3.9	5.0
Wayne	3.5	2.9	4.5
Webster	4.8	4.5	6.1
Winnebago	8.0	4.4	5.0
Winneshiek	5.1	4.8	4.9
Woodbury	5.3	5.2	6.0
Worth	6.7	5.4	6.3
Wright	4.1	3.2	4.3
IOWA	4.7	4.6	6.4

Source: Research and Statistics Division, Job Service of Iowa.

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average weekly manufacturing wage by county, 1981 vs. 1982[a].

a. Top figure is 1982 average wage, bottom figure is 1981.
Source: Research & Statistics Division, Job Service of Iowa.

average weekly construction wage by county, 1981 vs. 1982[a]

a. Top figure is 1982 average wage, bottom figure is 1981.
Source: Research and Statistics Division, Job Service of Iowa.

change in employment by major economic sector of Iowa's workforce, 1972-82

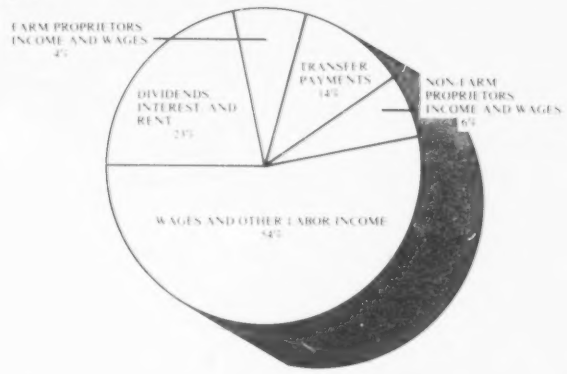
	Employment 1972	Employment 1982	% Change
Total Nonagricultural Workforce	912.3	1,030.6	+12.9
Manufacturing	222.9	207.7	− 6.8
Primary Metal	7.8	7.8	No Change
Fabricated Metal	18.5	16.5	−10.8
Farm Machinery	21.7	20.6	− 5.1
Construction Machinery	15.5	12.9	−16.7
Meat Products	28.3	21.8	−22.9
Grain Products	10.8	10.1	− 6.4
Printing/Publishing	14.2	17.4	+22.5
Chemicals	7.2	6.8	− 5.5
Rubber	9.3	9.4	− 1.1
Nonmanufacturing	689.4	822.9	+19.4
Mining	2.8	1.8	−35.7
Construction	41.8	35.1	−16.0
Transportation, communication, utilities	51.5	52.2	+ 1.4
Wholesale Trade	60.6	72.8	+20.1
Retail Trade	159.1	190.7	+19.9
Banking	13.9	18.3	+31.6
Insurance	17.1	24.3	+42.1
Services	150.7	209.6	+39.1
Medical Services	51.3	79.7	+55.4
Government	180.2	202.0	+12.1
Federal	20.9	19.5	− 6.7
State	42.5	54.1	+27.3
Local	116.8	128.4	+ 9.9

Source: Job Service of Iowa Statistics.
Compiled by Research Division, Iowa Development Commission.

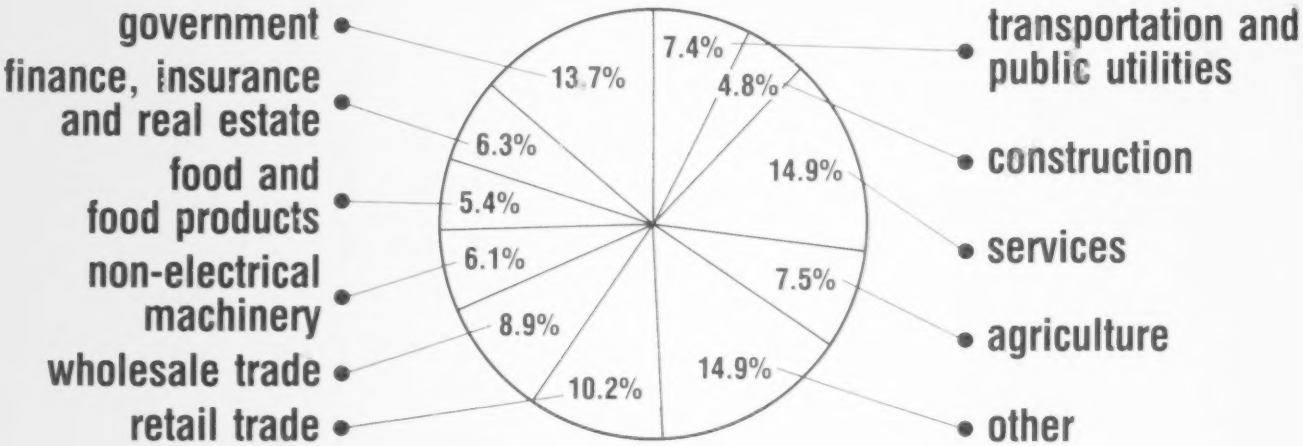
major components of the Iowa economy

Most people are surprised to see that only four percent of Iowa's personal income is derived directly from farming. Of course, personal income from farming is only the tip of the iceberg. Much book value is associated with farm land value and with grain surpluses in storage. In addition, nearly one-third of Iowa's manufacturing workforce is employed in two farm-related industries; non-electrical machinery manufacturing (which includes farm and construction equipment), and food and kindred products manufacturing.

major sources of Iowa Personal Income, 1982



total income earned in Iowa by industry source, 1982



Source: Iowa Office For Planning & Programming, Economic Analysis Division.

inflation in the U.S.

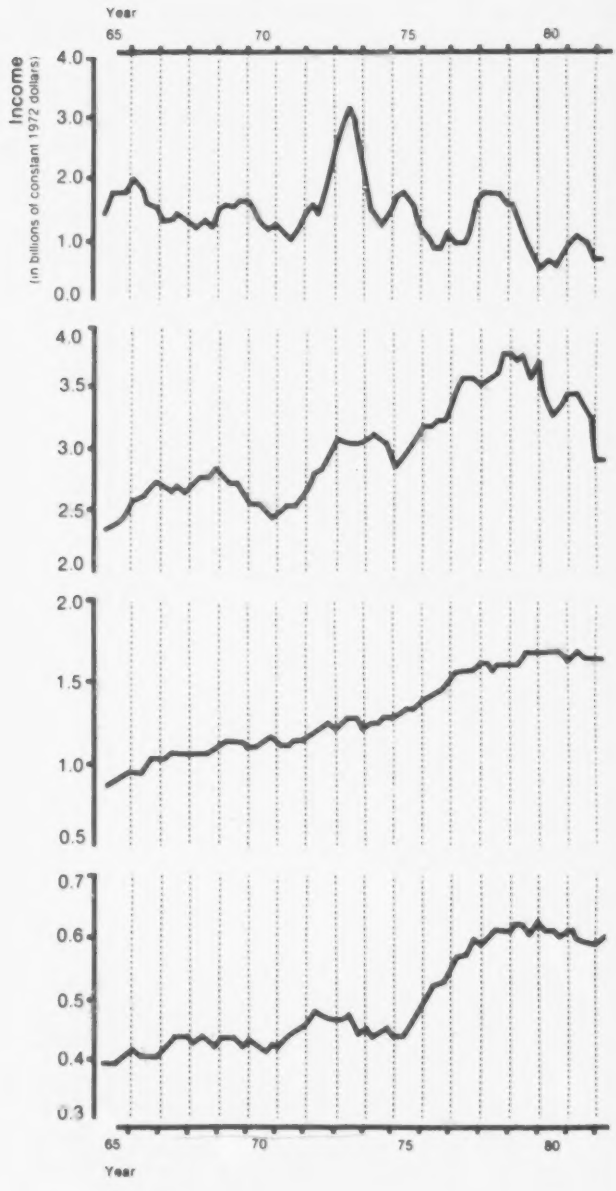
Consumer price index for all urban consumers, all items—U.S. city average (1967=100).

Year	Average Index	Average Annual Inflation Rate
1960	88.7	1.5%
1965	94.5	1.9
1970	116.3	5.5
1975	161.2	7.0
1976	170.5	4.8
1977	181.5	6.8
1978	195.4	9.0
1979	217.4	13.3
1980	246.8	12.4
1981	272.3	8.9
1982	289.1	3.9

Source: U.S. Department of Labor, Bureau of Labor Statistics

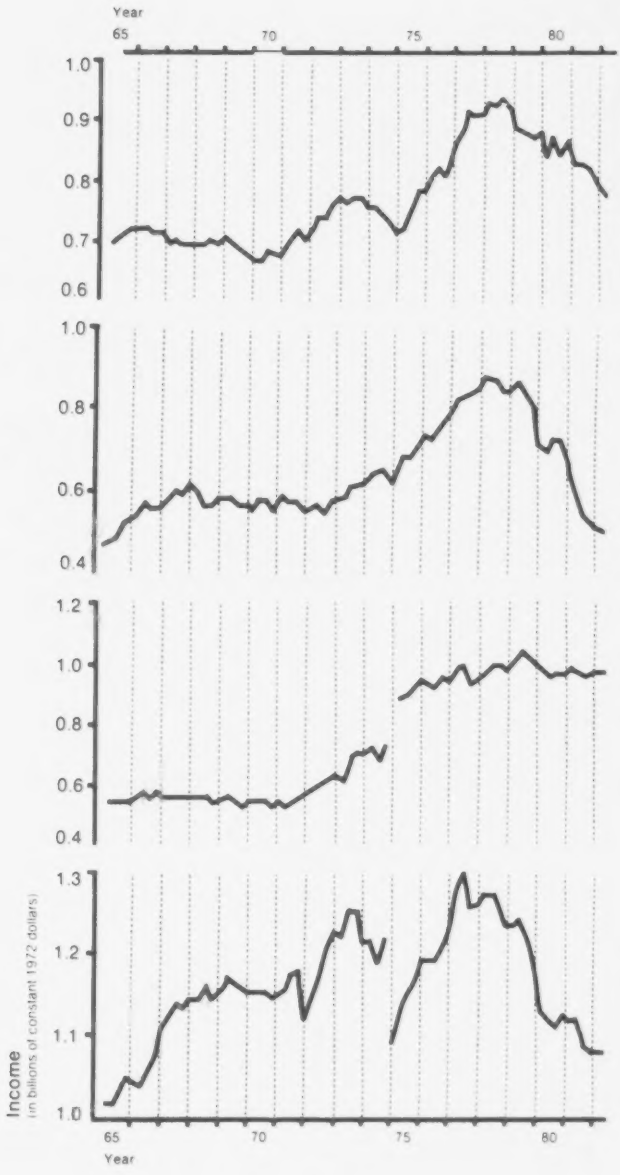
Iowa income by industry* (billions of dollars)

	billions of dollars	
	1981	1982
Agriculture Agriculture includes income earned in farming, agriculture services, fishing and forestry. Farm implement dealers are included under wholesale trade. The rollercoaster recession in farm income reflects the 1980 Russian Grain Embargo, as recovery in late 1980 and a decline that follows the national business cycle	1.36	0.81
Manufacturing Iowa's industries include a balance of durable goods and non-durable goods manufacturers. The non-durable goods, dominantly food products, have had a moderating effect on manufacturing income.	3.35	2.82
Services This industry group includes tourism and recreation, medical care—nursing home services, business and professional services. Income in this industry has generally been insulated from the cyclical movement of the economy.	1.62	1.62
Finance, Insurance and Real Estate From 1975 to 1982 in Iowa this industry in Iowa experienced a 24 percent growth rate in income generated. During that period, the number of persons employed in Iowa in banking rose by 16 percent and the number of insurance workers increased by 26 percent.	0.69	0.68



Iowa income by industry* (billions of dollars) (continued)

	billions of dollars 1981	1982
Transportation and Public Utilities The recent recession had an effect on trucking and warehousing and electric, gas and sanitary services. These two industries account for over half of the employment in this industry group.	0.84	0.80
Construction From 1979 through September, 1983 employment in Iowa fell from an annual average of 58,000 to 33,400 jobs. From 1979 to 1982, total income in this industry fell 38 percent.	0.62	0.52
Wholesale Trade Wholesale trade in Iowa exhibited moderate income growth during the 70's although performance has been stable from 1979 to the present.	0.95	0.96
Retail Trade Retail trade shows the substantial Iowa impact of the farm recession in Iowa in 1978, the grain embargo in 1980 and the recent national recession that began in 1980.	1.11	1.11



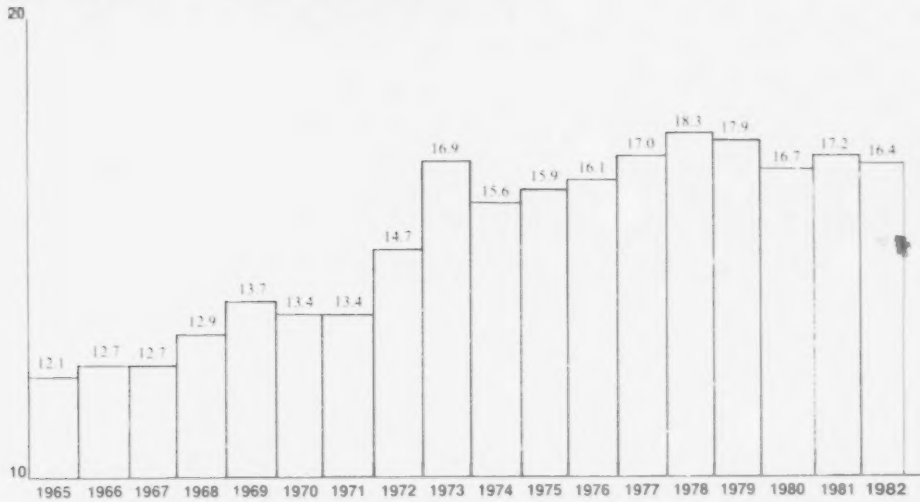
*Footnote: Income includes wages and salaries, other labor income, proprietor's income and corporate profits (not only those distributed as dividends) that originate within a given industry in Iowa. Income is in billions of 1972 dollars, adjusted using the GNP deflator. Quarterly amounts are seasonally adjusted at annual rates.

Source: Iowa Office for Planning & Programming, Economic Analysis Division.

Iowa gross state product

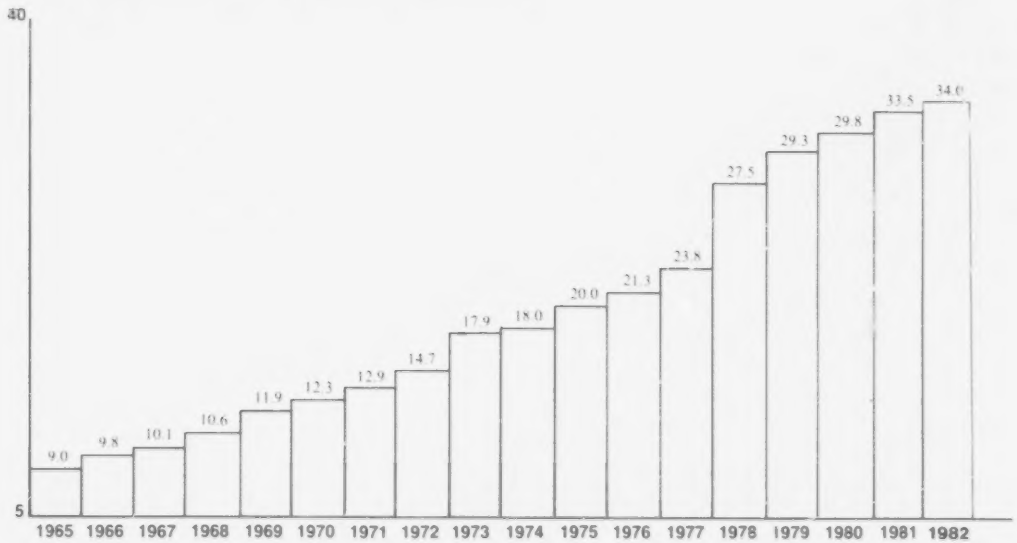
Iowa's Gross State Product is a measure of aggregate economic activity in Iowa. It is computed using a technique similar to that used by the U.S. Commerce Department in estimating Gross National Product. Iowa's current economic recession began with an agricultural recession in mid-1978, resulting from declining net farm income and was intensified by the 1980 Soviet grain embargo.

gross state product, Iowa (constant 1972 dollars, in billions) (reflects actual growth)



Source: Iowa Office for Planning & Programming, Economic Analysis Division.

gross state product, Iowa (current dollars, in billions)



Source: Iowa Office for Planning & Programming, Economic Analysis Division.

total Iowa energy consumption, 1975-1982

PRIMARY ENERGY DELIVERIES

Energy Type	1975	1976	1977	1978	1979	1980	1981r	1982
Motor Gas (million gallons)	1,650.33	1,727.89	1,750.44	1,808.08	1,724.30	1,529.17	1,378.81	1,331.83
Distillate (million gallons)	776.69	852.31	856.40	879.14	878.07	660.31	570.52	581.49
Propane (million gallons)	488.46	693.69	661.89	567.55	511.24	367.63	328.53	320.46
Residual (million gallons)	17.30	25.20	17.42	13.82	9.19	4.64	2.06	.59
Aviation Fuel (million gallons)	77.43	84.63	90.21	88.61	74.78	80.03	92.65	81.03
Natural Gas (billion cf)	357.07	333.86	309.35	249.90	261.97	245.13	236.89	221.71
Coal and coke, bituminous and lignite (thousand net tons)	6,741.00	7,894.00	9,039.00	10,659.00	13,571.00	12,568.00	12,127.00	12,267.00
Uranium (6.1 kwh) Gross thermal energy	17.60	18.33	21.24	16.90	22.50	19.44	20.29	22.00
Hydroelectric (bil. kwh)	2.91	2.97	2.33	3.44	2.42	2.57	2.40	2.30

e = Estimate.
Source: Energy 1982, Annual Report of the Iowa Energy Policy Council.

Iowa's primary energy use*

PERCENTAGE OF TOTAL BY SOURCE FROM 1975-1982

Source	1975	1976	1977	1978	1979	1980	1981r	1982e
Nat. Gas	36.7%	32.5%	29.1%	25.0%	24.4%	25.6%	26.1%	24.8%
Gasoline	20.6	20.7	20.8	22.1	19.7	19.6	18.6	18.3
Distillate	10.9	11.5	11.5	10.9	11.2	9.5	8.6	8.9
LP	4.8	6.2	6.2	5.3	4.4	3.6	3.4	3.4
Aviation & Residual	1.3	1.4	1.4	1.3	1.1	1.1	1.3	1.2
Coal & Coke	16.7	18.1	18.1	25.7	29.7	30.9	31.5	32.3
Nuclear	N/A	6.8	6.8	5.3	7.0	6.8	7.5	8.2
Hydropower	3.1	2.9	2.9	3.9	2.5	2.8	2.9	2.9

r = Revised.
e = Estimate.
*Compiled from Form EIA-25 (actual deliveries to Iowa) and Iowa Commerce Commission data.

major components of Iowa's energy cost

Energy Type	Cost (000)	Percent
Gasoline	$1,704,742	32.9%
Electricity	1,475,000	28.5%
Natural Gas	906,793	17.5%
Distillate	698,230	13.5%
Propane	198,685	3.8%
Aviation Fuel	137,755	2.7%
Coal (Industrial)	58,000	1.1%
1982 Total Energy Bill	$5,179,205	

Source: Energy 1982, Iowa Energy Policy Council.

energy use on Iowa farms

AMOUNT AND TYPE OF ENERGY CONSUMED IN 1980 AND 1981 BY IOWA FARMERS

Energy	Year	Diesel Million Gal.	Gasoline Million Gal.	L.P. Gas Million Gal.	Fuel Oil Million Gal.	Nat. Gas Million Cu. Ft.	Electricity Million Kilowatts	Coal 000 Tons	Wood 000 Cords
TOTAL ENERGY	1980	189.0	332.8	230.8	52.0	14.90	2805.2	11.0	155.8
USED	1981	180.0	306.0	247.0	44.0	14.80	2945.5	10.5	159.0
% Previous Yr.		95	92	107	85	99	105	95	102
USAGE:									
Crop	1980	166.2	128.8	105.0	.4	1.55	387.1	—	.5
Production	1981	152.8	112.3	114.6	.3	1.25	441.8	—	.5
Livestock	1980	18.1	42.6	45.1	2.3	1.00	892.1	—	5.1
Production[1]	1981	20.7	46.2	46.2	1.8	1.00	960.2	—	5.6
General	1980	3.2	71.9	3.2	.9	.05	216.0	.2	2.3
Farm Use[2]	1981	4.5	62.7	4.2	.8	.05	235.6	.2	1.6
Non-Farm	1980	1.5	89.5	77.5	48.4	12.30	1310.0	10.8	147.9
Use[3]	1981	2.0	84.8	82.0	41.1	12.50	1307.9	10.3	151.3
Total Gen. &	1980	4.7	161.4	80.7	49.3	12.35	1526.0	11.0	150.2
Non-Farm Use	1981	6.5	147.5	86.2	41.9	12.55	1543.5	10.5	152.9

[1]Includes livestock, dairy and poultry production.
[2]Includes energy uses in agriculture production but cannot be identified between crops and livestock uses.
[3]Includes fuel and electricity used in non-agricultural production uses, such as farm home, pleasure, and non-farm business.
Source: Iowa Energy Policy Council; Iowa Crop and Livestock Reporting Service.

Iowa ranks 25th in industrial electricity prices, 1979

Rank	State	¢/kWh	Rank	State	¢/kWh
1	Rhode Island (2)	4.68	26	Kansas (24)	2.90
2	Hawaii (4)	4.55	27	Maine (38)	2.90
3	Massachusetts (1)	4.51	28	Vermont (19)	2.87
4	New Jersey (3)	4.21	29	Nevada (31)	2.86
5	Connecticut (5)	4.12	30	Wisconsin (28)	2.85
6	New Hampshire (8)	4.02	31	Alabama (34)	2.84
7	New Mexico (21)	3.93	32	Utah (35)	2.78
8	Delaware (7)	3.72	33	Tennessee (43)	2.77
9	Michigan (10)	3.54	34	Texas (37)	2.73
10	California (9)	3.51	35	South Dakota (32)	2.65
11	Pennsylvania (11)	3.34	36	Ohio (40)	2.63
12	New York (13)	3.34	37	North Carolina (30)	2.63
13	Alaska (6)	3.26	38	Colorado (41)	2.57
14	Florida (18)	3.24	39	South Carolina (36)	2.55
15	Virginia (17)	3.22	40	Arkansas (29)	2.51
16	Arizona (15)	3.22	41	West Virginia (33)	2.43
17	Maryland & D.C. (16)	3.19	42	Oklahoma (39)	2.42
18	Mississippi (20)	3.16	43	Kentucky (44)	2.42
19	Indiana (27)	3.11	44	Nebraska (42)	2.27
20	Illinois (26)	3.10	45	Louisiana (45)	2.16
21	Missouri (25)	3.09	46	Wyoming (46)	1.56
22	Minnesota (14)	3.05	47	Idaho (47)	1.42
23	Georgia (23)	3.02	48	Oregon (48)	1.20
24	North Dakota (12)	3.01	49	Montana (49)	0.80
25	IOWA (22)	3.00	50	Washington (50)	0.50

( ) DENOTES 1977 RANK

U.S. Average: 2.85¢ per kWh

Source: State Electricity Profiles, 3rd Edition, Electronics Consumers Resource Council, Page 205

1981 energy use and cost by industry, Iowa

SIC Code	Industry Group	BTU's (Trillions)	Cost (Million Dollars)
20	Food and kindred products	66.2	233.6
23	Apparel, other textile products	.2	1.3
24	Lumber and wood products	.7	4.1
25	Furniture and fixtures	.4	2.3
26	Paper and allied products	4.2	16.7
27	Printing and publishing	1.2	8.3
28	Chemicals, allied products	30.4	111.1
30	Rubber, misc. plastics products	6.5	29.2
32	Stone, clay, glass products	18.7	55.3
33	Primary metal industries	12.0	59.0
34	Fabricated metal products	3.3	19.2
35	Machinery, except electrical	16.1	84.7
36	Electric, electronic equipment	3.1	20.7
37	Transportation equipment	1.0	6.4
38	Instruments, related products	.1	.9
39	Misc. manufacturing indus.	.7	4.5

Source: 1982 Annual Survey of Manufactures, U.S. Department of Commerce, Bureau of the Census.

typical residential electric bills*, 1982

communities (2,500 in population or larger)

	Lighting, Appliances, Refrigeration, Cooking					
	Water Heating				Space Heating	
	250 kWh	500 kWh	750 kWh	1,000 kWh	2,500 kWh	
Iowa						
Adel	21.13	36.82	44.98	59.41	122.19	
Adel	21.13	37.36	44.98	60.49	151.38	
Albia	17.62	32.55	44.91	58.14	129.99	
Albia	17.62	32.55	44.91	59.14	148.95	
† Algona	17.00	29.00	37.25	47.50	112.00	
Altoona[1]	21.13	36.82	44.98	59.41	122.19	
Altoona[2]	21.13	37.36	44.98	60.49	151.38	
† Ames	21.69	37.57	52.71	67.84	156.91	
† Ames	23.63	42.77	61.66	80.54	185.35	
Anamosa	19.46	35.04	48.46	60.89	129.24	
Anamosa	19.46	35.04	49.96	64.89	148.24	
Ankeny	21.13	36.82	44.98	59.41	122.19	
Ankeny	21.13	37.36	44.98	60.49	151.38	
† Atlantic	15.90	28.55	35.75	47.50	118.00	
Audubon	24.20	43.37	54.64	73.56	148.12	
Belle Plaine[1]	19.46	35.04	48.46	60.89	129.24	
Belle Plaine	19.46	35.04	49.96	64.89	148.24	
Bettendorf	18.03	36.41	40.89	55.36	95.53	
Bettendorf	18.03	38.91	42.89	60.59	160.93	
† Bloomfield	17.49	30.04	42.50	53.99	118.30	
Boone[1]	19.46	35.04	48.46	60.89	129.24	
Boone[2]	19.46	35.04	49.96	64.89	148.24	
Burlington[1]	17.78	31.96	41.24	55.42	134.65	
Burlington[2]	17.88	32.56	41.64	56.32	141.73	
Camanche	18.03	36.41	40.89	55.36	95.53	
Camanche	18.03	38.91	42.89	60.59	160.93	
† Carlisle	17.10	32.20	46.50	60.00	141.00	
Carroll	24.20	43.37	54.64	73.56	148.12	
† Carter Lake[1]	14.64	23.16	31.15	39.13	79.76	
† Cedar Falls[1]	17.18	30.18	43.18	56.18	134.18	
† Cedar Falls[2]	17.18	30.18	43.18	56.18	134.18	
Cedar Rapids[1]	19.46	35.04	49.96	60.89	129.24	
Cedar Rapids	19.46	35.04	49.96	64.89	148.24	
Centerville	17.78	31.96	41.24	55.42	134.65	
Centerville	17.88	32.56	41.64	56.32	141.73	
Chariton	17.78	31.96	41.24	55.42	134.65	
Chariton[2]	17.88	32.56	41.64	56.32	141.73	
Charles City	24.20	43.37	54.64	73.56	148.12	
Cherokee	24.20	43.37	54.64	73.56	148.12	
Clarinda[1]	21.13	36.82	44.98	59.41	122.19	
Clarinda	21.13	37.36	44.98	60.49	151.38	
Clarion	24.20	43.37	54.64	73.56	148.12	
Clear Lake	20.78	38.34	50.74	67.57	138.45	
Clinton	19.05	34.88	46.41	61.86	132.06	
Clive[1]	21.13	36.82	44.98	59.41	122.19	
Clive[2]	21.13	37.36	44.98	60.49	151.38	
Coralville[1]	18.03	36.41	40.89	55.36	95.53	
Coralville[2]	18.03	38.91	42.89	60.59	160.93	
Council Bluffs	21.13	36.82	44.98	59.41	122.19	
Council Bluffs	121.13	37.36	44.98	60.49	151.38	
Cresco	20.78	38.34	50.74	67.57	138.45	
Creston	17.78	31.96	41.24	55.42	134.65	
Cresson[2]	17.88	32.56	41.64	56.32	141.73	
Davenport[1]	18.03	36.41	40.89	55.36	95.53	
Davenport[2]	18.03	38.91	42.89	60.59	160.93	
De Witt[1]	19.46	35.04	48.46	60.89	129.24	
De Witt	19.46	35.04	49.96	64.89	148.24	
Decorah	20.78	38.34	50.74	67.57	138.45	
† Denison	11.75	19.25	21.50	27.25	61.75	
Des Moines	21.14	37.18	45.43	60.00	123.41	
Des Moines	21.34	37.73	45.43	61.09	152.69	
Dubuque	19.05	34.88	46.41	61.86	132.06	
Dyersville	20.78	36.42	50.74	67.57	138.45	
Eagle Grove	24.20	43.37	54.64	73.56	148.12	
Eldora[1]	19.46	35.04	48.46	60.89	129.24	
Eldora[2]	19.46	35.04	49.96	64.89	148.24	
† Eldridge[1]	15.81	28.51	41.22	53.92	130.15	
† Eldridge[2]	15.89	29.47	43.05	56.63	138.11	
Emmetsburg	24.20	43.37	54.64	73.56	148.12	
† Estherville	18.79	33.67	45.71	59.75	129.97	
Evansdale	24.20	43.37	54.64	73.56	148.12	
Fairfield	19.46	35.04	48.46	60.89	129.24	
Fairfield[2]	19.46	35.04	49.96	64.89	148.24	
† Forest City	13.25	22.00	30.00	37.50	82.50	
Fort Dodge[1]	18.03	35.41	40.89	55.36	95.53	
Fort Dodge[2]	18.03	38.91	42.89	60.59	160.93	
Fort Madison	14.85	27.40	33.67	45.22	80.14	
Fort Madison	14.85	27.40	34.27	46.82	122.09	
Garner	19.46	35.04	48.46	60.89	129.24	
Garner	19.46	35.04	49.96	64.89	148.24	
Glenwood[1]	21.13	36.82	44.98	59.41	122.19	
Glenwood[2]	21.13	37.36	44.98	60.49	151.38	
Grinnell[1]	17.78	31.96	41.24	55.42	134.65	
Grinnell[2]	17.88	32.56	41.64	56.32	141.73	
† Grundy Center	18.00	33.00	45.50	58.00	119.50	
Hampton	24.20	43.37	54.64	73.56	148.12	
† Harlan	13.20	24.80	31.65	38.50	79.60	
† Harlan	13.20	24.80	34.65	44.50	103.60	
† Hawarden	15.75	22.00	28.25	34.50	72.00	
Hiawatha[1]	19.46	35.04	48.46	60.89	129.24	
Hiawatha[2]	19.46	35.04	49.96	64.89	148.24	
Humboldt	24.20	43.37	54.64	73.56	148.12	
† Independence	19.28	34.05	48.83	63.60	147.25	
† Indianola	15.24	27.55	39.56	51.34	113.25	
Iowa City	18.03	36.41	40.89	55.36	95.53	
Iowa City	18.03	38.91	42.89	60.59	160.93	
Iowa Falls[1]	19.46	35.04	48.46	60.89	129.24	
Iowa Falls[2]	19.46	35.04	49.96	64.89	148.24	
† Jefferson[1]	19.46	35.04	48.46	60.89	129.24	
† Jefferson[2]	19.46	35.04	49.96	64.89	148.24	
† Lamoni	18.30	32.10	44.40	56.70	119.25	
Le Claire[1]	18.03	36.41	40.89	55.36	95.53	
Le Claire[2]	18.03	38.91	42.89	60.59	169.93	
Le Mars	24.20	43.37	54.64	73.56	148.12	
Manchester	19.46	35.04	48.46	60.89	129.24	
Manchester	19.46	35.04	49.96	64.89	148.24	
Maquoketa	19.46	35.04	48.46	60.89	129.24	
† Maquoketa	16.62	30.99	43.57	56.31	120.56	
Maquoketa	19.46	35.04	49.96	64.89	148.24	
Marion[1]	16.62	30.99	44.68	58.31	134.81	
Marion[2]	19.46	35.04	48.46	60.89	129.24	
Marion[2]	19.46	35.04	49.96	64.89	148.24	
Marshalltown	19.46	35.04	48.46	60.89	129.24	
Marshalltown	19.46	35.04	49.96	64.89	148.24	
Mason City	19.05	34.88	47.98	61.43	134.31	
Missouri Valley	21.13	36.82	44.98	59.41	122.19	
Missouri Valley[2]	21.13	37.36	44.98	60.49	151.38	
Monticello[1]	19.46	35.04	48.46	60.89	129.24	
Monticello[2]	19.46	35.04	49.96	64.89	148.24	
† Mount Pleasant	23.47	37.73	51.98	64.81	139.60	
Mount Vernon	19.46	35.04	48.46	60.89	129.24	
Mount Vernon	19.46	35.04	49.96	64.89	148.24	
† Muscatine	11.89	21.88	27.64	36.22	84.47	
Nevada[1]	19.46	35.04	48.46	60.89	129.24	
Nevada[2]	19.46	35.04	49.96	64.89	148.24	
† New Hampton	16.14	29.48	42.11	54.75	126.38	
Newton[1]	17.78	31.96	41.24	55.42	134.65	
Newton	17.88	32.56	41.64	56.32	141.73	
Oelwein	20.78	38.34	50.74	67.57	138.45	
† Onawa	19.30	33.80	43.30	52.80	93.30	
† Onawa	19.30	33.80	43.30	52.80	108.30	
† Orange City	12.20	22.50	31.75	41.00	94.80	
Orange City	15.30	28.60	41.65	53.70	118.50	
Osceola[1]	17.78	31.96	41.24	55.42	134.65	
Osceola[2]	17.88	32.56	41.64	56.32	141.73	
Oskaloosa	21.13	36.82	44.98	59.41	122.19	
Oskaloosa	21.13	37.36	44.98	60.49	151.38	
Ottumwa	17.78	31.96	41.24	55.42	134.65	
Ottumwa	17.88	32.56	41.64	56.32	141.73	
† Pella	17.75	33.10	41.95	56.70	141.50	
Perry[1]	19.46	35.04	48.46	60.89	129.24	
Perry[2]	19.46	35.04	49.96	64.89	148.24	
Red Oak[1]	21.13	36.82	44.98	59.41	122.19	
Red Oak	21.13	37.36	44.98	60.49	151.38	
† Rock Rapids	12.62	20.25	27.88	35.50	81.25	
Sac City	24.20	43.37	54.64	73.56	148.12	
Sheldon	24.20	43.37	54.64	73.56	148.12	
Shenandoah[1]	21.13	36.82	44.98	59.41	122.19	
Shenandoah[2]	21.13	37.36	44.98	60.49	151.38	
† Sibley	14.85	25.60	36.20	46.20	106.20	
† Sioux Center	11.99	20.14	28.29	36.44	73.54	
Sioux City	24.68	44.24	55.73	75.03	151.08	
† Spencer	14.00	24.00	34.00	44.00	89.00	
Spirit Lake	19.46	35.04	48.46	60.89	129.24	
Spirit Lake	19.46	35.04	49.96	64.89	148.24	
Storm Lake	24.20	43.37	54.64	73.56	148.12	
† Story City	17.91	31.68	42.21	52.73	115.88	
† Story City	17.91	31.68	43.69	55.68	127.68	
Tama[1]	19.46	35.04	48.46	60.89	129.24	
Tama	19.46	35.04	49.96	64.89	148.24	
† Tipton	17.21	31.05	44.44	57.79	132.27	
† Tipton	17.21	31.41	45.62	59.82	140.55	
Urbandale	21.13	36.82	44.98	59.41	122.19	
Urbandale[2]	21.13	37.36	44.98	60.49	151.38	
† Vinton	16.35	28.70	40.70	52.70	120.20	
Washington[1]	17.78	31.96	41.24	55.42	134.65	
Washington[2]	17.88	32.56	41.64	56.32	141.73	
Waterloo	24.20	43.37	54.64	73.56	148.12	
Waukon	20.78	38.34	50.74	67.57	138.45	
† Waverly	15.25	25.25	40.50	52.75	110.00	
† Waverly	15.25	28.25	40.50	52.75	112.75	
† Webster City	15.34	27.49	39.27	51.04	117.94	
West Burlington[1]	17.78	31.96	41.24	55.42	134.65	
West Burlington[2]	17.88	32.56	41.64	56.32	141.73	
West Des Moines[1]	21.13	36.82	44.98	59.41	122.19	
West Des Moines	21.13	37.36	44.98	60.49	151.38	
West Union	20.78	38.34	50.74	67.57	138.45	
Windsor Heights	21.13	36.82	44.98	59.41	122.19	
Windsor Heights	21.13	37.36	44.98	60.49	151.38	
† Winterset	15.50	28.50	41.50	54.50	132.50	

*When a community is listed twice, the top is the winter rate, the bottom is the summer rate
† = served by publicly owned utility.
Source: Energy Information Administration, U.S. Department of Energy

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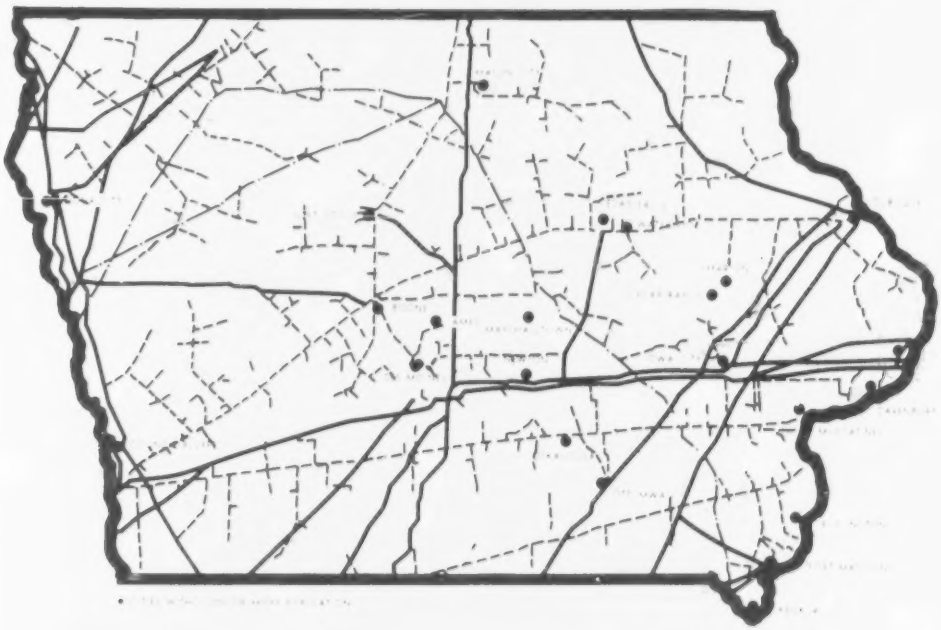
no Iowa areas isolated from energy
served by three strong interstate gas pipeline systems



PIPELINES SERVING IOWA

CRUDE OIL or PETROLEUM PRODUCTS

NATURAL GAS (Northern Natural, National Gas Pipeline of America, Michigan-Wisconsin Pipeline Co.)

natural gas use in Iowa: residential, commercial and industrial sectors

	Residential			Commercial			Industrial			Total		
	1967	1981	1982	1967	1981	1982	1967	1981	1982	1967	1981	1982
Customers (000)	520	673.7	675.7	61	80.5	80.7	2	1.8	1.9	582	756.5	758.5
Sales (Trillion BTU)	83.8	76.5	85.7	46.4	46.9	53.2	112.2	116.9	92.1	252.3	242.1	231.2
Revenues ($000,000)	76	301.4	397.8	30	167.1	227.6	38	362.7	339.8	147	834.3	966.3
Average Monthly Revenues Per Customer	$12.18	$37.28	$49.06	$40.98	$172.98	$235.03	$1,583.33	$16,791.67	$14,903.51	—	$91.90	$106.16

Source: Gas Facts, American Gas Association, Arlington, Virginia, 1983

electric utility industry — Iowa

	1965		1970		1975		1980		1981		1982	
	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)	Revenues (000)	Energy Sales (Millions of Kilowatt hours)
Residential	$116,028	4,291	$157,430	6,262	$268,653	8,226	$481,302	9,913	574,583	9,609	622,640	9,761
Commercial/Industrial	107,157	5,955	147,654	8,553	288,457	11,282	268,727/294,644	5,375/9,040	318,335/356,041	5,488/9,537	332,190/373,444	5,255/8,970
Street and Highway Lighting	3,798	129	5,887	183	8,542	208	13,489	214	14,124	202	17,320	220
Other Public	2,898	163	4,128	232	7,411	301	14,087	360	17,288	346	18,688	331
Interdepartmental	269	21	428	26	502	31	790	36	631	15	17	1
IOWA total							21,073,089	24,938	$1,281,002	25,197	$1,364,319	24,540

Source: Statistical Yearbook of the Electric Utility Industry 1982, Edison Electric Institute, Washington, D.C.

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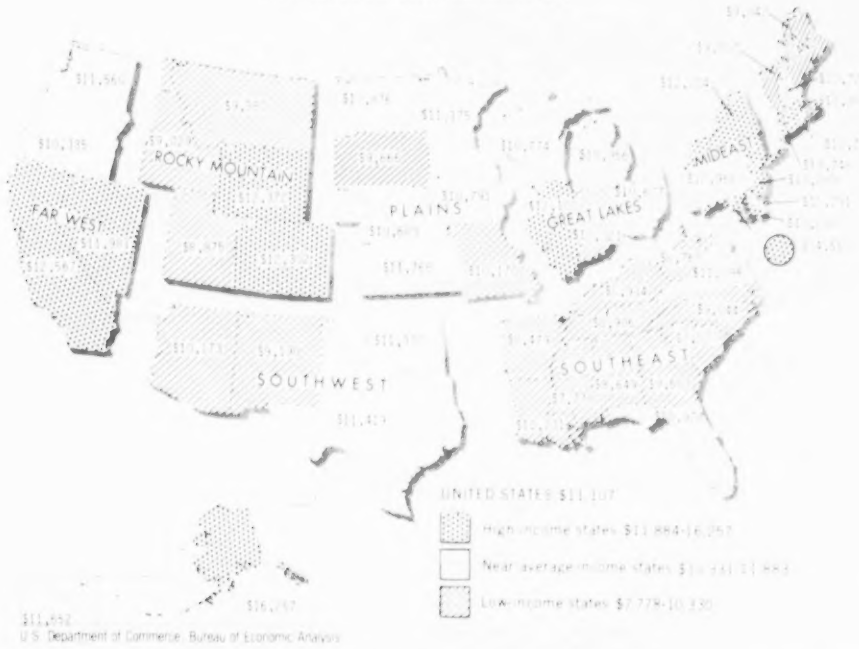
Per Capita Personal Income, 1982



U.S. Department of Commerce, Bureau of Economic Analysis

per capita income, midwest

	1960	1965	1970	1975	1978r	1979r	1980r	1981r	1982e
IOWA	$1,983	$2,754	$3,751	$5,894	$8,041	$8,812	$ 9,283	$10,478	$10,791
Minnesota	2,075	2,642	3,859	5,774	7,969	8,899	9,697	10,762	11,175
South Dakota	1,784	2,182	3,123	5,089	6,648	7,480	7,734	8,837	9,666
Nebraska	2,110	2,619	3,789	5,882	7,596	8,633	8,954	10,366	10,683
Kansas	2,160	2,704	3,853	5,958	8,008	9,279	9,889	10,824	11,765
Missouri	2,112	2,716	3,781	5,476	7,302	8,165	8,702	9,654	10,170
Illinois	2,646	3,291	4,507	6,735	8,814	9,807	10,451	11,572	12,100
Wisconsin	2,188	2,712	3,812	5,616	7,701	8,676	9,291	10,042	10,774
Indiana	2,17[illegible]	2,840	3,772	5,609	7,607	8,428	8,883	9,727	10,021
Ohio	2,345	2,893	4,020	5,778	7,863	8,736	9,456	10,314	10,677
U.S.	2,222	2,785	3,966	5,861	7,776	8,657	9,483	10,495	11,107

Source: Survey of Current Business, April 1983, U.S. Department of Commerce

total personal income, midwest (billions)

	1960	1965	1970	1975	1978r	1979r	1980r	1981r	1982e
IOWA	$ 5.47	$ 7.55	$10.62	$16.82	$ 23.47	$ 25.70	$ 27.04	$ 30.37	$ 30.59
Minnesota	7.11	8.49	14.72	22.66	31.91	35.94	39.59	44.06	45.80
South Dakota	1.22	1.51	2.09	3.41	4.58	5.15	5.36	6.06	6.56
Nebraska	2.99	3.85	5.64	9.08	11.86	13.51	14.07	16.34	16.63
Kansas	4.72	5.96	8.67	13.58	18.68	21.78	23.41	25.79	27.56
Missouri	9.13	12.13	17.73	26.10	35.57	39.92	42.85	47.70	50.37
Illinois	26.69	35.19	50.15	75.42	100.78	112.02	119.48	132.64	139.23
Wisconsin	8.67	11.48	16.88	25.77	35.66	40.48	43.93	47.62	50.02
Indiana	10.18	13.98	19.62	29.80	41.43	46.14	48.76	53.18	55.30
Ohio	22.82	29.51	42.87	62.03	84.88	94.33	102.13	111.19	116.36

Source: Survey of Current Business, April 1983, U.S. Department of Commerce

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taxable payrolls, midwest states, 1981

	Number of Employees Week of March 12	Annual Taxable Payroll ($000)	Estimated Weekly Payroll per Employee
IOWA	878,416	$12,130,443	$265.57
Minnesota	1,468,675	21,953,892	287.46
South Dakota	170,875	1,959,183	220.49
Nebraska	481,704	6,313,644	252.06
Kansas	755,184	10,520,242	267.90
Missouri	1,652,054	24,353,667	283.49
Illinois	4,081,659	67,974,920	320.26
Wisconsin	1,569,161	23,112,266	283.25
Indiana	1,744,275	27,352,852	301.57
Ohio	3,617,164	58,525,112	311.15
North Dakota	174,561	2,262,368	249.24

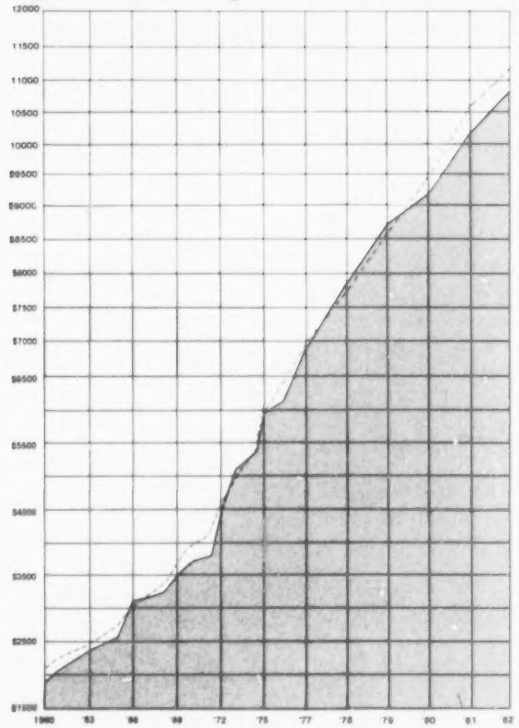
Source: 1981 County Business Patterns, U.S. Department of Commerce, Bureau of the Census.

personal income comes from diverse sources, 1982 (millions)

Income by place of work	Iowa	Minnesota	South Dakota	Nebraska	Kansas	Missouri	Illinois	Wisconsin	Indiana	Ohio
Total labor and proprietors income	$20,639	$33,851	$4,306	$11,769	$18,898	$36,657	$96,583	$36,185	$39,329	$81,838
By type										
Wages and salary disbursements	15,851	28,132	3,089	9,414	15,117	31,375	82,998	30,033	33,284	70,522
Other labor income	1,657	2,872	287	882	1,565	3,174	8,354	3,201	3,778	7,513
Proprietors income	3,131	2,847	930	1,473	2,215	2,108	5,230	12,694	2,267	3,803
Farm	1,313	1,216	619	723	938	286	1,090	1,153	369	435
Nonfarm	1,817	1,631	310	750	1,277	1,823	4,140	1,798	1,898	3,368
By industry										
Farm	1,652	1,464	720	963	1,186	486	1,434	1,448	550	1,625
Nonfarm	18,987	32,387	3,585	10,806	17,712	36,171	95,149	34,696	38,779	81,171
Private	15,923	27,473	2,732	8,595	14,494	30,711	81,740	29,571	33,688	70,274
Manufacturing	5,172	8,560	460	1,827	3,985	9,238	25,730	12,373	14,997	29,026
Mining	43	334	60	49	578	207	1,025	416	352	968
Contract construction	1,028	1,670	190	569	998	1,891	4,633	1,451	2,013	3,600
Wholesale and retail trade	3,664	6,109	759	2,134	3,183	6,550	16,806	5,530	5,852	12,787
Wholesale trade	1,651	2,789	320	996	1,450	3,003	8,308	2,302	2,189	5,255
Retail trade	2,013	3,320	439	1,138	1,733	3,547	8,498	3,228	3,663	7,532
Finance, insurance and real estate	1,209	2,051	217	815	995	2,117	7,438	1,862	1,827	3,822
Transportation and public utilities	1,485	2,676	330	1,275	1,737	3,832	7,927	2,351	2,930	5,836
Services	3,246	5,961	697	1,883	2,959	6,778	17,977	5,848	5,634	13,969
Government and government enterprises	3,064	4,914	853	2,211	3,217	5,460	13,409	5,126	5,092	10,897
Derivation of personal income by place of residence										
Total labor and proprietors income by place of work	20,639	33,851	4,306	11,769	18,898	36,657	96,583	36,185	39,329	81,838
Less: Personal contributions for social insurance by place of work	1,246	2,171	275	734	1,151	2,249	5,800	2,162	2,354	4,945
Plus: Adjustment for residence	199	63	11	235	986	1,948	492	513	251	-556
Equals: Net earnings by place of residence	19,592	31,618	4,042	10,799	18,733	32,461	91,275	34,536	37,227	76,338
Plus: dividends, interest & rent	7,304	8,557	1,645	3,914	5,891	10,092	28,234	9,231	9,910	20,608
Plus: Transfer payments	4,452	6,010	988	2,225	3,702	7,794	19,010	7,575	7,683	18,271
Total personal income by place of residence	31,347	46,184	6,675	16,939	28,325	50,346	138,519	51,341	54,819	115,217

Source: Survey of Current Business, August 1983, U.S. Department of Commerce.

Iowa per capita income in step with U.S.



	IOWA	U.S.
1960	$1,983	$2,222
1962	2,179	2,381
1963	2,312	2,469
1964	2,418	2,603
1965	2,754	2,785
1966	3,004	3,001
1967	3,039	3,188
1968	3,237	3,457
1969	3,514	3,733
1970	3,751	3,966
1971	3,865	4,195
1972	4,297	4,537
1973	5,168	4,980
1974	5,329	5,428
1975	5,867	5,852
1976	6,123	6,402
1977r	6,971	6,984
1978r	8,041	7,776
1979r	8,812	8,657
1980r	9,283	9,483
1981r	10,478	10,495
1982p	10,791	11,107

r = revised.
p = preliminary.
Source: Survey of Current Business, April, 1983, U.S. Department of Commerce.

personal income reflects industrial growth

	1960	1965	1970	1975	1979	1980r	1981r	1982
Total labor & proprietors income	$5,568	$7,522	$10,609	$12,429	$18,332	$19,120	$21,590	$20,639
By Type:								
Wage & salary disbursements	3,021	3,876	5,808	8,992	14,053	14,930	15,858	15,851
Other labor income	111	198	333	735	1,359	1,436	1,573	1,657
Proprietors income	1,306	1,884	2,114	2,702	2,921	2,754	4,160	3,131
Farm	666	1,133	1,287	1,601	1,252	904	2,307	1,313
Nonfarm	640	751	827	1,101	1,669	1,849	1,853	1,817
By Industry:								
Farm	N/A	N/A	N/A	1,777	1,559	1,161	2,595	1,652
Nonfarm	N/A	N/A	N/A	10,652	16,773	17,959	18,995	18,987
Manufacturing	912	1,233	1,791	3,044	4,991	5,253	5,584	5,172
Durables	N/A	N/A	1,019	(D)	3,277	3,382	3,569	3,184
Nondurables	N/A	N/A	773	(D)	1,715	1,871	2,016	1,988
Mining	14	19	26	50	53	50	47	43
Contract construction	194	229	367	733	1,282	1,236	1,150	1,028
Wholesale & retail trade	627	736	1,076	2,072	3,248	3,440	3,608	3,664
Wholesale trade	N/A	N/A	N/A	936	1,390	1,523	1,603	1,651
Retail trade	N/A	N/A	N/A	1,136	1,858	1,917	2,005	2,013
Finance, insurance & real estate	143	185	283	567	987	1,062	1,140	1,209
Transportation, communication & utilities	285	309	418	814	1,261	1,357	1,455	1,485
Services	292	409	653	1,518	2,484	2,828	3,061	3,246
Other industries	10	12	15	41	N/A	N/A	N/A	N/A
Government	470	678	1,098	1,711	2,397	2,661	2,875	3,064
Federal, civilian	99	139	213	262	351	388	419	439
Federal, military	24	17	18	33	36	42	38	43
State & local	348	523	867	1,417	2,009	2,231	2,418	2,582
Personal contributions for social insurance	109	154	331	637	983	1,080	1,207	1,246
Dividends, interest & rent	825	1,188	1,639	2,836	4,914	5,549	6,873	7,304
Transfer payments	414	542	1,047	2,037	2,897	3,465	3,899	4,452
Personal income by place of residence	N/A	N/A	N/A	16,783	25,276	27,193	31,325	31,347

r = revised.
N/A = Not Available.
(D) Not shown to avoid disclosure of confidential information.
Note: Detail may not add to total due to rounding.
Source: Survey of Current Business, August, 1983, U.S. Department of Commerce.

industrial payrolls contribute substantially

Major Industry Groups	1980r			1981e		
	Number of Employees (mid-March)	Taxable Payrolls (Annual $000)	Total Reporting Units	Number of Employees (mid-March)	Taxable Payrolls (Annual $000)	Total Reporting Units
Total	906,179	$11,454,079	$66,904	878,416	$12,130,443	66,289
Agricultural Services	3,697	43,424	761	3,953	49,144	770
Mining	2,496	41,771	206	2,112	40,772	203
Contract Construction	46,060	790,423	6,765	41,674	740,623	6,203
Manufacturing	237,613	4,749,088	3,349	258,070	4,520,412	3,345
Transportation & Utilities	48,334	805,194	3,031	46,328	855,907	3,113
Wholesale Trade	77,382	1,155,280	7,464	75,149	1,205,838	7,395
Retail Trade	204,607	1,434,223	19,270	200,773	1,497,123	19,379
Finance, Insurance, Real Est.	62,471	846,593	5,908	63,234	937,078	5,788
Services	196,529	1,770,483	17,013	201,099	2,001,649	17,376
Unclassified Est.	6,533	46,280	3,141	6,481	51,220	2,713

r = revised.
Source: County Business Patterns, 1981, U.S. Department of Commerce, Bureau of the Census.

per capita income distributed in Iowa

County	Total Personal Income (Millions of Dollars)			Total Per Capita Personal Income (Dollars)		
	1979r	1980r	1981	1979r	1980r	1981
IOWA	$25,704	$27,038	$30,373	$8,812	$9,283	$10,478
Adair	75	70	84	7,874	7,404	9,174
Adams	45	41	48	7,693	7,141	8,732
Allamakee	102	102	114	6,658	6,817	7,570
Appanoose	105	112	126	6,749	7,201	8,433
Audubon	71	67	79	8,046	7,874	9,424
Benton	197	198	223	8,311	8,356	9,497
Black Hawk	1,283	1,407	1,545	9,420	10,177	11,113
Boone	237	245	279	8,994	9,382	10,752
Bremer	207	219	248	8,518	8,800	9,974
Buchanan	180	180	211	7,759	7,883	9,346
Buena Vista	189	197	225	9,177	9,501	10,720
Butler	143	143	168	8,033	8,102	9,628
Calhoun	130	134	158	9,656	9,914	12,041
Carroll	201	206	240	8,790	9,003	10,489
Cass	148	151	176	8,610	8,957	10,528
Cedar	158	154	184	8,410	8,284	9,991
Cerro Gordo	432	462	523	8,916	9,548	10,769
Cherokee	142	143	163	8,629	8,849	10,253
Chickasaw	123	121	139	7,936	7,849	9,178
Clarke	61	65	73	7,185	7,479	8,446
Clay	181	187	207	9,201	9,543	10,680
Clayton	161	157	181	7,466	7,489	8,700
Clinton	498	527	581	8,542	9,250	10,305
Crawford	158	163	188	8,195	8,620	9,912
Dallas	249	261	297	8,583	8,828	10,131
Davis	63	65	74	6,833	7,099	8,149
Decatur	54	60	67	5,550	6,159	6,960
Delaware	142	129	157	7,605	6,815	8,409
Des Moines	406	435	478	8,850	9,418	10,353
Dickinson	137	143	164	8,694	9,133	10,585
Dubuque	829	885	945	8,877	9,441	10,163
Emmet	117	124	140	8,667	9,367	10,605
Fayette	193	191	224	7,660	7,502	8,880
Floyd	163	159	181	8,284	8,111	9,433
Franklin	113	109	130	8,660	8,243	10,291
Fremont	82	80	96	8,433	8,551	10,260
Greene	129	131	152	10,554	10,779	12,700
Grundy	135	139	164	9,335	9,690	11,535
Guthrie	92	93	108	7,709	7,736	9,052
Hamilton	170	173	203	9,467	9,682	11,516
Hancock	127	120	142	9,246	8,664	10,563
Hardin	198	208	239	9,002	9,524	10,906
Harrison	132	133	154	7,910	8,170	9,398
Henry	153	155	177	8,073	8,230	9,425
Howard	84	82	98	7,526	7,409	9,093
Humboldt	119	121	141	9,640	9,882	11,648
Ida	78	77	89	8,639	8,607	9,992
Iowa	133	135	154	8,485	8,747	9,978
Jackson	160	166	189	7,149	7,346	8,387
Jasper	$ 313	$ 332	$ 371	$8,518	$9,131	$10,255
Jefferson	131	134	150	8,038	8,185	9,163
Johnson	663	720	860	8,146	8,775	9,689
Jones	151	148	170	7,437	7,248	8,473
Keokuk	113	107	127	8,588	8,281	9,570
Kossuth	199	191	226	9,089	8,727	10,280
Lee	361	381	423	8,334	8,852	9,791
Linn	1,657	1,807	1,950	9,871	10,620	11,484
Louisa	87	91	110	7,229	7,573	9,147
Lucas	80	86	97	7,690	8,331	9,555
Lyon	112	109	126	8,740	8,435	10,066
Madison	94	95	107	7,291	7,531	8,679
Mahaska	192	194	223	8,332	8,644	9,713
Marion	257	271	310	8,788	9,104	10,432
Marshall	393	431	474	9,426	10,145	11,349
Mills	107	112	129	7,857	8,342	9,626
Mitchell	100	96	115	8,102	7,814	9,461
Monona	99	100	115	8,077	8,643	9,970
Monroe	72	74	83	7,493	8,111	8,954
Montgomery	126	129	144	9,378	9,626	11,148
Muscatine	373	411	471	9,208	10,163	11,612
O'Brien	154	159	187	9,040	9,418	11,221
Osceola	74	75	89	8,719	8,963	10,832
Page	167	171	195	8,647	9,010	10,157
Palo Alto	117	120	143	9,033	9,490	11,276
Plymouth	200	201	233	8,029	8,139	9,389
Pocahontas	111	112	134	9,517	9,892	11,997
Polk	3,132	3,415	3,733	10,360	11,262	12,430
Pottawattamie	708	758	849	8,188	8,772	9,863
Poweshiek	179	180	205	9,369	9,282	10,825
Ringgold	43	43	50	7,154	7,040	8,392
Sac	132	133	153	9,240	9,434	11,035
Scott	1,499	1,645	1,816	9,391	10,269	11,382
Shelby	128	128	150	8,663	8,472	10,075
Sioux	225	227	260	7,358	7,337	8,612
Story	577	613	685	8,078	8,454	9,518
Tama	167	170	198	8,400	8,770	10,266
Taylor	57	55	66	6,857	6,622	7,979
Union	108	115	129	7,648	8,315	9,301
Van Buren	60	59	68	7,004	6,836	7,881
Wapello	333	368	388	8,180	9,144	9,750
Warren	288	307	357	8,414	8,753	9,619
Washington	180	179	210	8,862	8,879	10,511
Wayne	61	60	71	7,469	7,367	8,556
Webster	427	453	502	9,301	9,867	10,951
Winnebago	123	111	134	9,094	8,576	10,807
Winneshiek	148	151	173	6,651	6,902	7,887
Woodbury	896	962	1,080	8,756	9,582	10,711
Worth	78	77	87	8,380	8,098	9,563
Wright	164	163	192	10,002	9,988	11,958

Source: Survey of Current Business, April, 1983, U.S. Department of Commerce.

taxable payrolls by county, Iowa 1980 and 1981

County	1980			1981		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Total	66,904r	906,179r	$11,454,080r	66,289	878,416	$12,130,443
Adair	230	1,531	15,174	222	1,567	16,441
Adams	117	1,421	13,456	117	1,367	13,655
Allamakee	393	3,093	26,760	384	3,002	28,798
Appanoose	320	3,048	31,398	305	2,917	35,642
Audubon	227	1,431	11,839	227	2,900	12,064
Benton	501	3,570	36,323	499	3,387	37,113
Black Hawk	2,903	55,515	863,624	2,920	53,379	935,176
Boone	502	4,934	50,665	509	4,574	54,994
Bremer	537	6,141	69,187	548	5,836	73,149
Buchanan	439	3,063	32,463	439	3,144	34,615
Buena Vista	601	6,042	64,704	604	5,468	62,328
Butler	396	2,331	20,993	387	2,050	19,708
Calhoun	341	2,272	21,135	334	2,260	21,880
Carroll	679	7,162	74,621	660	7,047	78,715
Cass	518	4,506	40,911	488	9,306	40,862
Cedar	410	2,718	27,517	394	2,852	30,732
Cerro Gordo	1,394	17,290	197,003	1,381	17,190	211,537
Cherokee	382	3,919	47,439	364	3,841	49,447
Chickasaw	364	3,437	37,281	372	3,316	40,197
Clarke	188	1,822	18,800	184	1,861	21,650
Clay	610	6,671	73,446	616	6,289	70,367
Clayton	452	3,508	37,311	445	3,456	36,022
Clinton	1,125	17,997	232,129	1,115	17,867	249,896
Crawford	467	5,034	62,404	465	4,900	66,762
Dallas	580	4,977	60,744	559	4,973	63,887
Davis	168	1,142	10,795	166	1,165	11,723
Decatur	185	2,110	13,996	191	2,103	15,640
Delaware	417	3,385	33,151	414	3,182	35,114
Des Moines	1,090	18,853	256,139	1,089	18,081	267,255
Dickinson	407	3,697	36,617	418	3,465	38,621
Dubuque	2,035	42,224	587,737	2,026	38,813	609,055
Emmet	319	3,943	52,111	304	3,876	52,497
Fayette	619	5,000	48,576	609	4,969	51,895
Floyd	445	5,330	71,805	444	4,596	57,459
Franklin	353	3,002	34,971	346	2,943	38,099
Fremont	184	1,207	12,143	185	1,187	12,763
Greene	291	2,345	23,250	298	2,148	22,945
Grundy	306	2,196	22,176	307	2,160	23,341
Guthrie	266	1,619	12,167	263	1,457	12,632
Hamilton	439	4,823	47,890	446	4,594	52,102
Hancock	338	2,796	28,936	327	2,655	30,345
Hardin	641	5,734	62,891	628	5,548	67,225
Harrison	320	2,215	20,250	326	2,198	20,569
Henry	481	5,216	53,455	466	4,867	56,133
Howard	283	2,013	18,203	279	1,910	19,795
Humboldt	330	2,435	26,829	328	2,305	27,677
Ida	236	1,927	19,579	232	1,786	20,614
Iowa	389	6,219	71,314	375	6,555	74,251
Jackson	463	3,843	33,596	478	3,789	36,405
Jasper	718	10,672	142,043	702	9,639	141,850
Jefferson	343	4,780	51,082	347	4,300	52,820
Johnson	1,499	19,287	205,248	1,535	18,800	220,183

taxable payrolls by county (continued) 1980 and 1981

County	1980			1981		
	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)	Number of establishments	Number of employees for week including March 12	Payroll Annual ($000)
Jones	440	3,646	35,808	450	3,335	35,594
Keokuk	229	1,852	17,208	288	1,619	17,093
Kossuth	566	4,911	51,736	551	12,386	52,945
Lee	973	15,916	205,857	947	14,660	218,957
Linn	3,757	80,670	1,148,551	3,753	76,119	1,192,997
Louisa	208	1,749	19,046	202	1,670	19,540
Lucas	213	2,287	27,476	198	2,375	34,177
Lyon	269	1,796	17,205	267	1,637	17,277
Madison	243	1,777	16,468	242	1,738	16,363
Mahaska	527	5,347	49,095	527	5,039	50,269
Marion	599	8,574	102,243	583	8,748	115,505
Marshall	930	14,726	207,737	899	14,646	224,417
Mills	256	2,110	22,716	242	2,054	23,603
Mitchell	298	1,952	18,684	304	1,982	19,593
Monona	292	1,970	16,823	285	2,001	18,118
Monroe	179	1,786	19,307	182	1,786	19,079
Montgomery	357	4,010	40,180	338	3,641	41,931
Muscatine	894	15,956	240,526	890	16,042	252,408
O'Brien	520	4,112	35,886	515	3,986	39,029
Osceola	208	1,480	14,124	203	3,647	15,215
Page	505	5,222	54,078	509	5,237	58,820
Palo Alto	290	2,264	20,124	296	2,143	20,440
Plymouth	568	5,458	56,938	548	5,227	59,536
Pocahontas	315	2,183	21,134	310	2,095	22,424
Polk	7,946	154,178	2,137,263	8,022	153,314	2,308,009
Pottawattamie	1,513	18,057	191,875	1,470	17,604	207,294
Poweshiek	483	5,718	62,559	470	5,317	68,055
Ringgold	147	958	6,803	130	952	8,001
Sac	429	2,944	27,490	405	2,754	29,435
Scott	3,347	62,684	882,354	3,367	61,076	1,015,251
Shelby	373	2,999	26,603	350	3,091	29,746
Sioux	813	8,546	78,015	788	8,102	81,228
Story	1,456	18,086	179,020	1,442	17,428	186,368
Tama	415	3,280	32,623	413	3,124	33,614
Taylor	167	1,210	9,717	156	2,401	10,065
Union	366	3,389	31,722	354	3,433	34,087
Van Buren	167	1,019	8,501	166	1,069	9,377
Wapello	772	11,518	157,977	759	11,156	161,201
Warren	454	4,000	40,174	450	3,945	44,118
Washington	542	5,247	53,396	553	5,163	57,625
Wayne	191	1,442	11,520	187	1,440	13,365
Webster	1,206	16,420	198,596	1,169	15,567	202,480
Winnebago	356	4,758	43,896	343	4,123	48,807
Winneshiek	471	4,292	46,830	467	4,421	50,511
Woodbury	2,557	38,134	471,544	2,540	37,918	511,331
Worth	175	1,047	8,929	170	1,017	9,297
Wright	444	3,968	42,039	434	3,952	43,459
Statewide	207	258	7,022	88	371	7,744

Source: County Business Patterns, 1981, U.S. Department of Commerce, Bureau of the Census.

total personal and per capita income[1], Iowa smsa's

	Per Capita Personal Income					Total Personal Income[1] (millions)				
	1977	1978	1979r	1980r	1981	1977	1978	1979r	1980r	1981
Cedar Rapids	$7,871	$8,799	$ 9,871	$10,620	$11,484	$ 1,306	$ 1,470	$ 1,657	$ 1,807	$ 1,950
Davenport, Rock Island, Moline	7,905	8,688	9,568	10,298	11,385	2,951	3,258	3,674	3,958	4,411
Des Moines	7,942	8,928	10,162	11,002	12,136	2,631	2,985	3,421	3,722	4,070
Dubuque	7,249	8,031	8,877	9,441	10,163	679	752	829	885	945
Iowa City	7,037	7,699	8,146	8,775	9,689	542	601	663	720	806
Omaha, Council Bluffs	6,945	7,680	9,029	9,951	11,137	4,014	4,484	5,176	5,673	6,259
Sioux City	7,099	7,854	8,580	9,334	10,494	854	942	1,019	1,093	1,239
Waterloo, Cedar Falls	7,515	8,124	9,420	10,177	11,113	1,027	1,130	1,283	1,407	1,545
All SMSA's	7,504	8,353	8,657	9,483	10,495	1,105,510	1,341,218	1,943,983	2,154,049	2,406,545

[1]Reflects income at place of residence.
Source: Survey of Current Business, April 1983, U.S. Department of Commerce.

1981 earnings by industrial source, smsa's (thousands)

	Cedar Rapids	Davenport Rock Island Moline	Des Moines	Dubuque	Iowa City	Omaha Council Bluffs	Sioux City	Waterloo Cedar Falls
Total Labor and Proprietors Income by Place of Work:								
By Type:								
Wage and Salary Disbursements	$1,324,526	$2,938,619	$2,825,483	$680,504	$551,883	$4,266,057	$ 739,393	$1,143,394
Other Labor Income	134,775	297,583	252,745	68,576	36,730	357,257	72,841	114,985
Proprietors Income	89,297	205,505	257,989	58,397	48,842	370,216	119,946	75,381
Farm	9,333	46,403	16,466	2,922	10,693	30,999	32,873	10,088
Nonfarm	79,964	159,102	241,523	55,475	38,149	339,217	87,073	65,293
By Industry:								
Farm	14,398	56,733	24,263	5,747	14,186	41,195	40,292	15,198
Nonfarm	1,534,200	3,384,974	3,311,984	801,730	623,269	4,952,335	811,888	1,318,562
Private	1,388,653	2,927,081	2,840,606	742,838	328,564	4,031,422	719,119	1,176,620
Manufacturing	640,847	1,450,187	563,547	386,300	71,196	728,596	237,168	689,250
Mining	4,234	4,510	3,669	624	1,098	4,777	D	D
Contract Construction	86,480	170,057	191,101	35,541	32,132	275,132	58,357	52,817
Wholesale and Retail Trade	246,770	561,770	658,782	109,968	85,546	D	D	162,514
Finance, Insurance, and Real Estate	80,638	140,225	439,919	23,784	18,086	453,941	54,604	40,124
Transp., Comm., & Public Utilities	96,466	179,564	293,058	42,568	22,543	672,512	94,305	63,239
Services	231,534	414,769	682,690	141,947	96,468	D	175,072	166,925
Government	145,547	457,893	471,348	58,892	294,705	920,913	99,785	141,942
Federal Civilian	22,667	180,315	120,746	8,403	27,297	184,279	20,861	13,316
Federal Military	2,942	12,060	8,086	2,220	1,904	241,789	2,116	2,563
State and Local	119,938	265,518	342,516	48,269	265,504	494,845	76,808	126,063
Derivation of Personal Income by Place of Residence:	1,950,243	4,410,917	4,069,982	944,770	806,457	6,258,948	1,239,422	1,545,376
Total earnings by place of work	1,548,598	3,441,707	3,335,217	807,477	637,455	4,993,530	932,180	1,333,760
Less: personal contributions for social insurance	97,070	203,667	209,555	51,889	32,380	321,917	58,719	83,191
Plus: adjustment for residence	−55,347	−146,773	−221,125	−112,495	−32,662	−177,040	−37,509	−139,594
Equals: Net earnings by place of residence	1,396,181	3,091,267	2,905,267	643,093	572,413	4,494,573	835,952	1,110,975
Plus: Dividends, interest and rent	350,135	801,191	699,133	185,227	154,686	1,018,186	232,516	259,554
Plus: Transfer payments	203,927	518,459	465,312	116,450	79,358	746,189	170,954	174,847
Per capita personal income	11,484	11,385	12,136	10,163	9,689	11,137	10,494	11,113

(D) = Data not shown to avoid disclosure.
Source: Local Area Personal Income, 1976-1981, U.S. Department of Commerce.

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Iowa government finances healthy

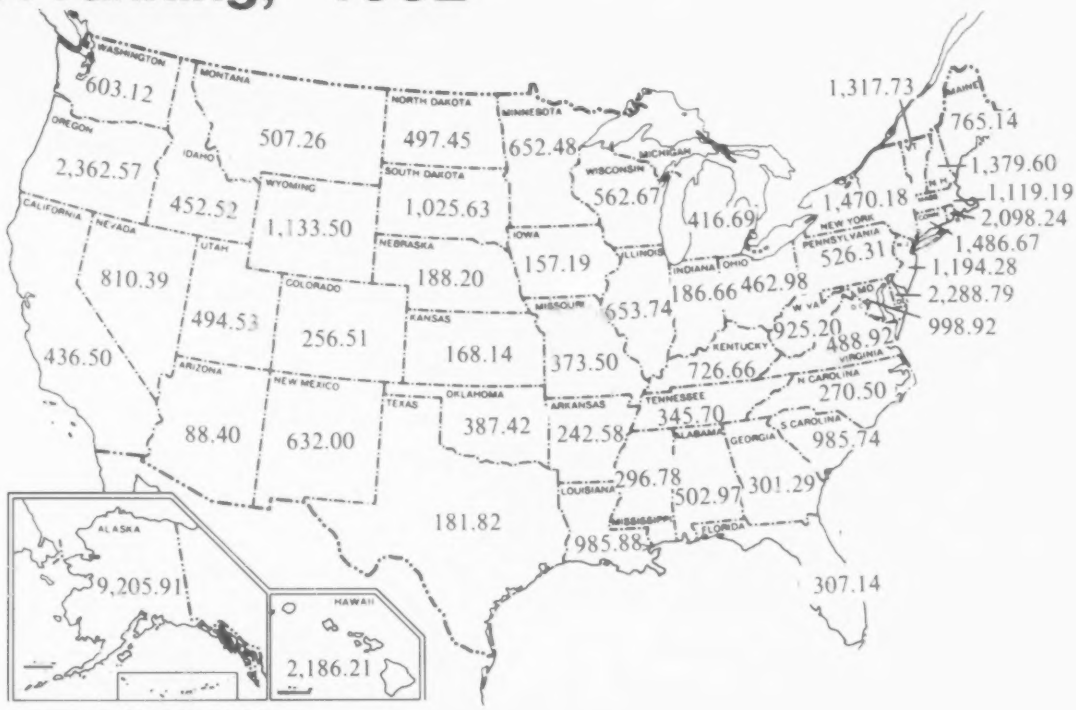
The Iowa Treasury is healthy. Iowa per capita debt is the nation's second lowest. This means that Iowa's future is not mortgaged, and more tax revenue is spent to accomplish programs instead of paying interest.

Iowa doesn't have to spend as much on welfare, police and corrections as other states. Iowa does put a greater emphasis on education and highways when compared to other states.

Iowa exempts from its four percent sales and use tax, food and drugs, thus reducing the "family" impact of this tax; and it is phasing out its county personal property taxes, another example of lessening the tax bite on "families".

"Fiscal Stability" is the term often used to describe Iowa's finances. When Iowa does borrow, it qualifies for low interest rates because of its low indebtedness and its "fiscal stability".

here's Iowa's low per capita debt ranking,* 1982



*Per capita gross state government debt at the end of the year.
Source: State Government Finances in 1982, U.S. Department of Commerce.

selected state government expenditures, 1982

	Per Capita		Thousands of Dollars	
	U.S. Ave.	IOWA	U.S. Total	Iowa
Total General Expenditures	$1,192.91	$1,183.54	$269,490,000	$3,448,835
Education	455.87	523.61	102,984,000	1,525,793
Highways	111.24	161.79	25,131,000	471,451
Public Welfare	244.60	201.21	55,257,000	586,329
Health & Hospital	98.64	95.22	22,284,000	277,455
Police Protection	12.09	8.13	2,730,000	23,702
Corrections	26.07	21.40	5,889,000	45,479
Employment Security Administration	10.08	10.96	2,278,000	31,944
Natural Resources	24.28	29.38	5,485,000	85,610
Financial Administration	16.53	13.15	3,735,000	38,309
General Control	17.30	9.34	3,909,000	27,220
Interest Debt	39.91	9.91	9,015,000	28,878

Source: State Governmental Finances in 1982, U.S. Department of Commerce, Bureau of the Census.

relation of selected government finances to personal income: 1982

	General Revenue Per $1,000 Personal Income						General Expenditures Per $1,000 Personal Income				
							Education				
	Total	Revenue from Federal Government	Total	Taxes General Sales or Gross Receipts	Individual Income	Charges and Miscellaneous	Total	Total[1]	Intergovernmental	State Institutions of Higher Education	Public Welfare	Highways
U.S. Average	114.79	27.54	67.86	21.00	19.07	18.08	112.43	42.96	25.32	14.31	23.05	10.48
Illinois	89.53	21.89	56.00	17.59	16.75	11.06	90.68	33.26	20.56	10.14	23.69	8.81
Indiana	95.94	21.23	57.64	28.42	14.09	16.74	96.87	44.97	21.67	19.36	13.30	10.67
IOWA	107.73	24.29	65.77	17.24	23.74	16.30	113.59	50.25	28.90	18.44	19.31	15.53
Kansas	94.26	22.46	56.00	18.27	17.85	15.24	93.29	41.55	22.94	16.85	16.91	11.07
Minnesota	138.24	31.30	86.18	19.85	35.14	19.31	144.83	63.16	41.13	19.52	26.66	12.56
Missouri	83.95	23.56	48.51	17.60	15.95	11.28	83.18	33.86	20.40	11.67	16.58	8.90
Nebraska	95.48	23.44	52.64	17.65	13.86	17.92	96.43	32.19	12.16	17.54	14.60	16.19
Ohio	91.48	21.72	52.34	16.36	11.19	16.28	93.69	34.30	19.08	14.14	21.88	9.10
South Dakota	131.02	40.26	54.29	29.51	0	35.06	133.19	38.57	16.21	19.77	18.01	21.44
Wisconsin	132.33	31.92	82.69	20.20	35.32	17.00	130.35	42.98	20.18	19.93	32.69	11.48

[1] Includes amounts for categories not shown separately.
Source: State Government Finances in 1982, U.S. Department of Commerce, Bureau of the Census.

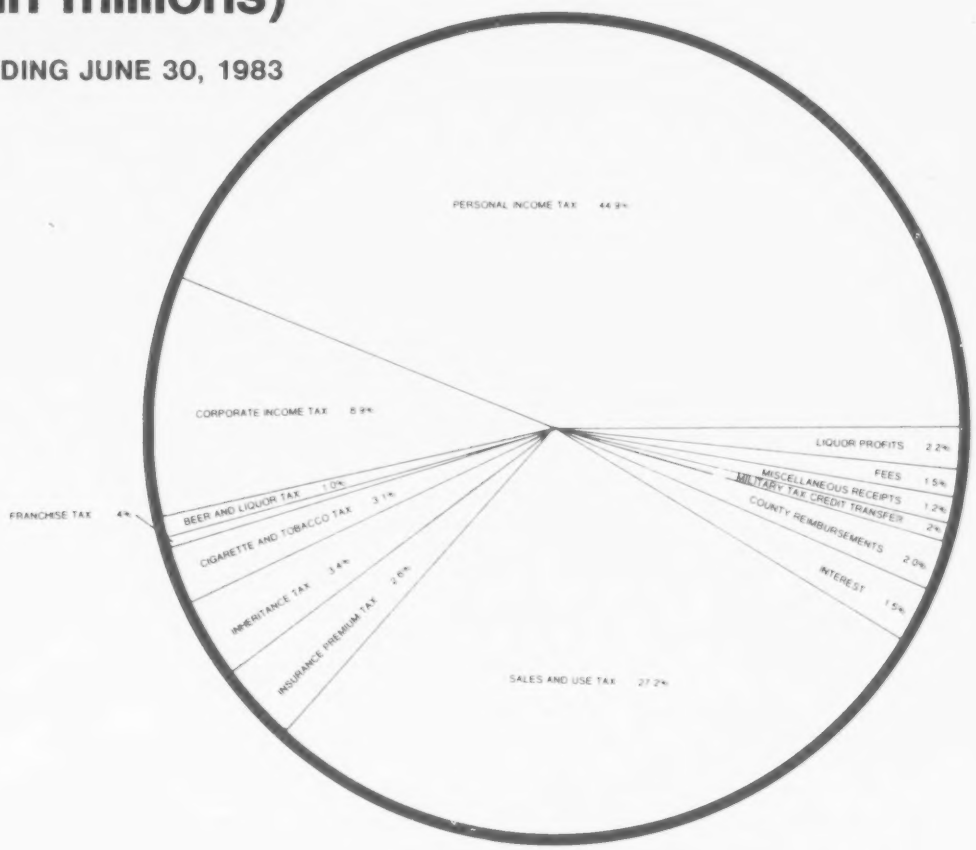
aggregate tax amounts collectible in fiscal year 1982-1983

	Cities	Rural Areas	State
District School Tax (General Fund)	$371,771,513	$324,724,770	$ 696,496,283
District School Tax (Schoolhouse Fund)	38,759,036	37,180,178	75,939,214
Area Vocational School Tax	13,317,408	12,751,290	26,068,698
City Tax	318,703,508	0	318,703,508
General County Tax	23,462,364	23,475,652	46,938,016
County F.I.C.A. & I.P.E.R.S.	2,719,470	4,225,697	6,945,167
Emergency Tax	919,364	214,721	1,134,085
Poor Tax	12,432,517	10,244,741	22,677,258
Mental Health & Institutions Tax	46,577,005	38,529,822	85,106,827
Veterans Affairs Tax	3,140,782	2,249,783	5,390,565
Court Expense Tax	26,676,004	17,815,847	44,491,851
County Bond Tax	3,534,868	2,930,523	6,465,391
Fairgrounds, County Fair & 4H Clubs	1,117,795	1,524,058	2,641,853
County Tort Liability Tax	1,351,977	1,441,542	2,793,519
Bang's & T.B. Eradication Taxes	274,246	559,180	833,426
County Conservation Tax	5,894,410	5,755,366	11,649,776
Secondary Roads Tax	4,766,258	90,800,343	95,566,601
Road Clearing & Weed Eradication	0	5,008,659	5,008,659
Sanitary Disposal & Disposal Ground	0	1,291,867	1,291,867
County Library & Library Contract	0	2,716,516	2,716,516
Election Expense Tax	2,098,405	1,897,642	3,996,047
Unemploymet Compensation Tax	343,014	252,629	595,643
Agricultural Extension District Tax	2,032,459	3,419,406	5,451,865
Assessors & Special Appraiser Taxes	7,751,974	7,993,983	15,745,957
County Hospital Tax	12,081,755	8,728,556	20,810,311
Township General Tax	69,621	9,403,060	9,472,681
Miscellaneous Other Taxes	12,525,601	3,320,431	15,846,032
TOTAL OF ALL AGGREGATE TAX AMOUNTS	$912,321,354	$618,456,262	$1,530,777,616
AVERAGE TAX RATE (Aggregate Tax divided by Taxable Value x 1,000)	$29.63053 (Cities)	$19.77618 (Rural Areas)	$24.66502 (State)
MONEYS AND CREDITS TAX ($5 per $1,000 Valuation)	$ 362,417	$ 15,964	$ 378,381
GRAIN HANDLED TAX (25¢ per 1,000 Bushels)	$ 422,686	$ 84,642	$ 507,328

Source: Report of 1981 Property Valuations and Taxes Collected in Fiscal Year 1982-1983, reprinted by County Auditors and compiled by Iowa Department of Revenue.

general fund receipts (dollars in millions)

FISCAL YEAR ENDING JUNE 30, 1983



Twelve Months Actual Through June

(in millions)

	1981	1982	1983
SPECIAL TAXES			
Personal Income Tax	$ 769.8	$ 837.2	$ 853.6
Sales and Use Tax	474.6	481.6	517.2
Corporate Income Tax	148.2	170.0	168.7
Inheritance Tax	55.0	79.8	65.2
Insurance Premium Tax	45.7	71.4	49.4
Cigarette and Tobacco Tax	49.8	61.1	60.4
Beer and Liquor Tax	16.9	16.9	16.7
Franchise Tax	9.6	8.2	6.6
Miscellaneous Tax	1.3	1.4	1.2
TOTAL SPECIAL TAXES	$1,570.9	$1,727.6	$1,739.0
County Treasurers	33.4	39.2	37.3
Liquor Profits	39.6	46.8	41.0
Interest	39.0	38.6	27.6
Fees	21.8	25.7	28.3
Federal Revenue Sharing	14.6	0	0.0
Military Tax Credit Transfer	2.0	6.4	4.7
Miscellaneous Receipts	19.4	16.7	22.0
GROSS RECEIPTS	$1,740.7	$1,901.0	$1,899.9
Less Refunds	112.3	146.8	167.9
Net Receipts	$1,628.4	$1,754.2	$1,732.0

Source: State of Iowa General Fund Financial Report, Office of the State Comptroller.

Iowa tax revenues, by type of tax (dollars in thousands)

Tax Source	1960	1965	1970	1975	1979	1980	1981	1982
Sales and Gross Receipts	$163,646	$191,677	$379,557	$484,146	$671,827	$778,242	$785,600	$853,848
General sales or gross receipts—sales and use	80,680	92,741	223,464	283,758	405,655	502,055	514,727	523,397
Selective sales and gross receipts	82,966	98,936	156,093	200,388	266,172	276,187	270,873	330,451
Motor Fuels	60,359	65,693	100,831	118,923	162,098	167,463	156,864	180,037
Refunds	-14,370	-13,889	-15,500	-11,618	-8,768	-10,468	-8,630	-10,280
Gross collections	74,730	79,581	116,331	130,541	170,866	177,931	165,494	190,317
Alcoholic beverages	3,235	7,359	9,048	13,300	16,474	16,403	17,019	16,399
Beer	3,235	3,420	5,796	8,516	10,146	10,146	10,129	9,990
Tax (10% prior to 1967, 15% from 1967)	—	3,939	3,252	4,784	N/A	6,505	6,890	6,409
Tobacco products—cigarettes	11,489	15,209	29,824	44,293	46,250	46,551	49,853	61,070
Insurance—gross premiums	7,497	10,275	15,704	23,592	39,398	43,740	45,721	71,410
Other—butterfat	386	400	686	280	267	252	259	271
License	50,728	62,070	90,040	124,243	164,774	176,985	183,494	193,276
Motor vehicles	43,631	54,297	75,106	99,767	128,707	132,742	144,095	144,928
General	43,423	54,119	74,851	99,589	128,536	132,558	143,887	144,722
Truckers	146	178	255	178	171	184	208	206
Motor vehicle operation	2,679	2,879	5,622		6,653	6,657	5,917	6,441
Corporations in general—filing and qualifications	286	319	602	1,002	10,467	1,553	1,770	19,789
Public utilities	28	27	34	34	80	119	46	115
Alcoholic beverages	65	36	2,373	4,700	4,681	4,720	4,817	4,850
Occupations and businesses, not elsewhere classified	2,191	2,398	3,305	6,350	7,874	8,865	9,662	10,574
Animal health and veterinarian fees	317	686	758	2,110	1,153	1,571	1,778	1,563
Bank examinations	465	559	1,070	1,605	2,151	2,183	2,420	2,708
Insurance Commission	352	322	526	813	1,191	1,517	1,888	2,242
Other	1,057	831	951	1,822	3,379	1,287	N/A	1,493
Hunting and fishing	1,517	1,970	2,593	4,676	4,872	5,571	5,593	5,469
Other	331	144	405	1,373	1,752	1,073	1,298	1,110
Boat and aircraft registration	—	135	389	1,359	1,734	1,853	1,917	1,091
Tax permits	13	9	16	14	18	18	20	19
Individual income	36,671	57,554	112,746	358,899	558,879	602,385	673,470	720,883
Corporation net income	3,807	5,887	24,273	63,612	130,074	138,564	135,868	147,115
Property-special-car equipment	3,641	4,078	4,063	115	N/A	N/A	N/A	N/A
Death and Gift inheritance and estate	7,294	10,020	16,767	29,460	40,717	47,668	54,970	79,842
Documentary and Stock Transfer	—	—	881	1,485	3,077	2,984	2,405	2,007

N/A = Not available.
Source: State Government Tax Collection in 1982, U.S. Department of Commerce, Bureau of the Census.

state sales, gasoline, gasohol, and cigarette tax rates — 1983 (midwest)

State	Sales Tax Rate	Gasoline Tax Per Gallon	Gasohol Tax & Exemption Per Gallon	Cigarette Tax Per Package
Illinois	4.0%	11.0¢	2.0%	12.0¢
Indiana	5.0	11.1	5.0	10.5
IOWA	4.0	13.0	3.0	18.0
Kansas	3.0	10.0	1.0	16.0
Minnesota	6.0	16.0	0	18.0
Missouri	4.125	7.0	0	13.0
Nebraska	4.0	15.3	5.0	18.0
Ohio	5.0	12.0	3.5	14.0
South Dakota	4.0	13.0	4.0	15.0
Wisconsin	5.0	15.0	0	25.0

Source: State Tax Review, June 12, 1983. Iowa Energy Policy Council.

property valuation and tax levies by property class. Iowa counties, 1983.

ADAIR County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	56,908	1,269	21.3
	Ag Land	166,162	3,026	50.7
	Ag Building	19,453	355	6.0
	Commercial	19,526	477	8.0
	Industrial	2,359	59	1.0
	Personal	14,150	285	4.7
	Personal Real	0	0	0.0
	Utilities	28,339	529	8.9
	Total	305,249	5,964	100.0

ADAMS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	26,342	631	17.5
	Ag Land	114,979	2,076	57.5
	Ag Building	11,855	214	5.9
	Commercial	5,796	147	4.1
	Industrial	1,974	41	1.1
	Personal	7,181	139	3.8
	Personal Real	55,172	1	0.0
	Utilities	20,860	382	10.6
	Total	188,020	3,608	100.0

ALLAMAKEE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	97,162	2,289	30.6
	Ag Land	91,571	1,786	23.9
	Ag Building	36,307	709	9.5
	Commercial	25,451	636	8.5
	Industrial	5,957	141	1.8
	Personal	16,159	77	4.6
	Personal Real	3,465	0	0.0
	Utilities	84,187	1,558	20.8
	Total	358,231	7,484	100.0

APPANOOSE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	87,432	2,565	37.7
	Ag Land	89,225	2,017	29.6
	Ag Building	4,267	96	1.4
	Commercial	24,933	826	12.1
	Industrial	12,809	410	6.0
	Personal	12,424	348	5.1
	Personal Real	245	8	0.1
	Utilities	23,931	619	9.1
	Total	252,574	6,808	100.0

AUDUBON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	56,294	1,296	24.1
	Ag Land	151,458	2,764	51.4
	Ag Building	21,732	398	7.4
	Commercial	12,489	307	5.7
	Industrial	1,128	28	0.5
	Personal	12,985	254	4.7
	Personal Real	791	19	0.4
	Utilities	17,277	330	6.1
	Total	272,538	5,372	100.0

BENTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	160,136	4,100	29.9
	Ag Land	278,871	5,760	42.1
	Ag Building	51,062	1,054	7.7
	Commercial	43,012	1,176	8.1
	Industrial	4,859	141	1.0
	Personal	29,687	668	4.9
	Personal Real	5,461	156	1.1
	Utilities	33,671	738	5.4
	Total	602,714	13,688	100.0

BLACK HAWK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	1,248,270	37,255	51.3
	Ag Land	213,520	4,544	6.3
	Ag Building	31,827	679	0.9
	Commercial	434,290	13,332	18.4
	Industrial	104,770	3,240	4.5
	Personal	100,788	2,966	4.1
	Personal Real	213,173	6,608	9.1
	Utilities	159,384	4,527	6.2
	Total	2,483,614	72,592	100.0

BOONE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	197,937	5,482	38.7
	Ag Land	268,310	4,843	34.2
	Ag Building	19,139	349	2.5
	Commercial	54,592	1,524	10.8
	Industrial	10,288	234	1.7
	Personal	20,540	455	3.2
	Personal Real	0	0	0.0
	Utilities	64,877	1,405	9.9
	Total	631,000	14,161	100.0

BREMER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	207,116	5,183	44.8
	Ag Land	158,867	3,172	27.4
	Ag Building	29,110	582	5.0
	Commercial	44,735	1,144	9.8
	Industrial	11,813	294	2.5
	Personal	21,247	475	4.1
	Personal Real	8,607	216	1.9
	Utilities	27,388	594	5.1
	Total	505,204	11,569	100.0

BUCHANAN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	156,150	3,992	36.0
	Ag Land	219,361	4,377	39.5
	Ag Building	31,967	638	5.8
	Commercial	30,351	836	7.6
	Industrial	8,389	216	1.9
	Personal	19,219	421	3.8
	Personal Real	3,359	95	.9
	Utilities	27,952	592	5.3
	Total	493,036	11,074	100.0

BUENA VISTA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	170,423	3,890	32.6
	Ag Land	254,693	4,557	38.3
	Ag Building	32,294	577	4.8
	Commercial	60,854	1,482	12.4
	Industrial	8,449	201	1.7
	Personal	24,812	518	4.4
	Personal Real	4,543	111	0.9
	Utilities	33,210	659	5.5
	Total	585,528	11,912	100.0

BUTLER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	132,180	2,810	30.6
	Ag Land	263,761	4,457	48.7
	Ag Building	23,840	403	4.4
	Commercial	25,231	558	6.1
	Industrial	3,064	60	0.6
	Personal	18,547	339	3.7
	Personal Real	1,521	28	0.3
	Utilities	30,967	574	6.3
	Total	496,227	9,175	100.0

CALHOUN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	97,429	2,297	23.6
	Ag Land	313,517	5,493	56.5
	Ag Building	9,694	169	1.7
	Commercial	26,825	682	7.0
	Industrial	9,731	238	2.4
	Personal	18,226	356	3.7
	Personal Real	920	23	0.2
	Utilities	26,371	520	5.4
	Total	500,253	9,714	100.0

CARROLL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	181,428	4,066	33.2
	Ag Land	252,456	4,437	36.2
	Ag Building	27,192	470	3.8
	Commercial	74,952	1,653	13.8
	Industrial	24,273	574	4.7
	Personal	23,587	476	3.9
	Personal Real	958	21	0.2
	Utilities	33,495	637	5.2
	Total	614,522	12,250	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

CASS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	111,644	2,787	30.2
	Ag Land	190,518	3,655	39.5
	Ag Building	27,151	523	5.7
	Commercial	35,384	903	9.8
	Industrial	6,000	145	1.6
	Personal	18,799	402	4.4
	Personal Real	4,474	102	1.1
	Utilities	36,858	779	8.4
	Total	427,398	9,240	100.0

CEDAR County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	160,320	3,439	32.3
	Ag Land	236,250	4,366	40.5
	Ag Building	41,317	760	7.1
	Commercial	36,023	807	7.6
	Industrial	14,898	305	2.9
	Personal	19,834	388	3.6
	Personal Real	5,981	122	1.2
	Utilities	27,784	535	5.0
	Total	539,480	10,658	100.0

CERRO GORDO County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	435,353	11,027	42.7
	Ag Land	274,194	5,129	19.9
	Ag Building	1,592	29	0.1
	Commercial	165,006	4,282	16.6
	Industrial	110,859	2,994	11.6
	Personal	48,929	1,169	4.5
	Personal Real	0	0	0.0
	Utilities	65,069	1,425	5.5
	Total	1,091,621	25,816	100.0

CHEROKEE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	99,175	2,526	27.5
	Ag Land	200,525	3,673	40.0
	Ag Building	28,384	520	5.7
	Commercial	43,936	1,183	12.9
	Industrial	8,559	202	2.2
	Personal	21,029	442	4.8
	Personal Real	3,557	85	0.9
	Utilities	29,877	616	6.7
	Total	432,176	9,175	100.0

CHICKASAW County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	118,367	2,573	30.3
	Ag Land	187,253	3,503	41.8
	Ag Building	25,651	481	5.2
	Commercial	27,829	616	7.3
	Industrial	12,538	296	3.4
	Personal	18,491	369	4.4
	Personal Real	11,698	251	3.0
	Utilities	22,567	444	5.2
	Total	422,112	8,434	100.0

CLARKE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	58,824	1,532	31.0
	Ag Land	82,082	1,737	35.2
	Ag Building	9,230	195	4.0
	Commercial	17,435	466	9.4
	Industrial	5,627	159	3.2
	Personal	6,574	157	3.2
	Personal Real	6,123	173	3.5
	Utilities	25,165	558	11.3
	Total	209,514	4,938	100.0

CLAY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	172,417	3,845	31.1
	Ag Land	251,478	4,134	33.5
	Ag Building	24,796	406	3.3
	Commercial	96,291	2,295	18.6
	Industrial	8,875	187	1.5
	Personal	29,948	607	4.9
	Personal Real	11,641	242	2.0
	Utilities	40,426	713	5.8
	Total	632,691	12,358	100.0

CLAYTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	134,204	3,520	34.4
	Ag Land	150,996	3,376	33.0
	Ag Building	44,966	1,006	9.8
	Commercial	31,179	880	8.6
	Industrial	4,912	134	1.3
	Personal	18,045	426	4.2
	Personal Real	3,373	80	0.8
	Utilities	37,022	867	8.5
	Total	421,744	10,217	100.0

CLINTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	437,236	12,124	40.5
	Ag Land	261,432	5,232	17.5
	Ag Building	26,514	532	1.8
	Commercial	127,567	3,723	12.4
	Industrial	69,431	2,008	6.7
	Personal	49,085	1,281	4.3
	Personal Real	97,551	2,873	9.6
	Utilities	93,484	2,418	8.1
	Total	1,152,637	29,919	100.0

CRAWFORD County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	122,486	2,872	28.4
	Ag Land	222,467	4,025	39.4
	Ag Building	36,571	664	6.8
	Commercial	48,799	1,202	11.9
	Industrial	11,767	282	2.8
	Personal	23,009	467	4.6
	Personal Real	4,687	113	1.1
	Utilities	29,296	565	5.6
	Total	496,153	10,123	100.0

DALLAS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	251,610	6,561	38.9
	Ag Land	238,930	4,743	28.1
	Ag Building	25,550	507	3.0
	Commercial	71,951	1,976	11.7
	Industrial	9,859	231	1.4
	Personal	24,271	566	3.4
	Personal Real	6,031	148	0.9
	Utilities	106,759	2,273	13.5
	Total	729,833	16,867	100.0

DAVIS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	46,916	1,286	27.3
	Ag Land	101,372	2,064	43.8
	Ag Building	22,557	459	9.7
	Commercial	11,080	347	7.4
	Industrial	1,851	61	1.3
	Personal	8,055	190	4.0
	Personal Real	804	27	0.6
	Utilities	15,448	320	6.8
	Total	206,520	4,713	100.0

DECATUR County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	45,301	1,281	26.7
	Ag Land	96,896	2,114	44.0
	Ag Building	12,716	276	5.8
	Commercial	12,640	381	7.9
	Industrial	1,931	52	1.0
	Personal	7,559	191	4.0
	Personal Real	1,247	34	0.7
	Utilities	21,282	497	10.3
	Total	198,205	4,798	100.0

DELAWARE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	131,857	3,116	33.5
	Ag Land	141,856	2,970	31.9
	Ag Building	60,033	1,257	13.5
	Commercial	28,012	694	7.5
	Industrial	6,310	158	1.7
	Personal	18,162	402	4.3
	Personal Real	8,351	209	2.2
	Utilities	25,882	564	6.0
	Total	417,734	9,304	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

DES MOINES County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	345,987	10,192	46.2
	Ag Land	128,042	2,569	11.6
	Ag Building	19,760	393	1.8
	Commercial	115,797	3,498	15.8
	Industrial	90,871	2,727	12.4
	Personal	44,881	1,273	5.8
	Personal Real	1,737	57	0.3
	Utilities	64,288	1,615	7.3
	Total	802,685	22,067	100.0

DICKINSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	242,733	5,452	50.4
	Ag Land	156,499	2,604	24.1
	Ag Building	17,612	294	2.7
	Commercial	57,159	1,402	13.0
	Industrial	3,334	94	0.9
	Personal	14,276	298	2.8
	Personal Real	4,355	122	1.1
	Utilities	30,424	619	5.7
	Total	523,289	10,812	100.0

DUBUQUE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	746,436	22,084	53.3
	Ag Land	95,919	2,110	5.1
	Ag Building	56,923	1,252	3.0
	Commercial	245,877	7,600	18.3
	Industrial	106,662	2,799	6.7
	Personal	67,524	1,946	4.7
	Personal Real	55,002	1,485	3.6
	Utilities	90,345	2,542	6.1
	Total	1,450,806	41,421	100.0

EMMET County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	94,844	2,595	32.7
	Ag Land	177,427	3,318	41.8
	Ag Building	9,825	186	2.3
	Commercial	29,473	843	10.6
	Industrial	7,719	186	2.3
	Personal	19,201	423	5.3
	Personal Real	5,535	134	1.7
	Utilities	14,439	314	4.0
	Total	356,077	7,934	100.0

FAYETTE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	175,997	4,467	34.7
	Ag Land	222,241	4,273	33.2
	Ag Building	42,402	814	6.3
	Commercial	50,975	1,356	10.5
	Industrial	9,971	258	2.0
	Personal	33,304	711	5.5
	Personal Real	9,794	256	2.0
	Utilities	38,811	836	6.5
	Total	579,314	12,862	100.0

FLOYD County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	138,255	3,477	31.4
	Ag Land	204,308	3,920	35.4
	Ag Building	29,475	567	5.1
	Commercial	40,373	1,066	9.6
	Industrial	15,295	418	3.8
	Personal	26,248	580	5.2
	Personal Real	12,773	352	3.2
	Utilities	34,749	780	7.0
	Total	498,062	11,073	100.0

FRANKLIN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	101,427	2,318	23.1
	Ag Land	287,061	5,159	51.3
	Ag Building	21,147	381	3.8
	Commercial	17,005	420	4.1
	Industrial	13,199	302	3.0
	Personal	22,105	441	4.4
	Personal Real	7,420	183	1.8
	Utilities	46,041	882	8.7
	Total	513,156	10,049	100.0

FREMONT County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	46,820	1,067	16.5
	Ag Land	197,068	3,597	55.6
	Ag Building	18,014	328	5.1
	Commercial	20,553	463	7.1
	Industrial	6,791	137	2.1
	Personal	11,466	223	3.4
	Personal Real	8,844	180	2.8
	Utilities	26,407	509	7.9
	Total	334,705	6,474	100.0

GREENE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	85,752	1,893	22.9
	Ag Land	301,376	5,084	59.0
	Ag Building	9,037	153	1.8
	Commercial	27,567	647	7.5
	Industrial	4,116	97	1.1
	Personal	18,150	340	4.0
	Personal Real	3,088	74	0.8
	Utilities	20,792	375	4.4
	Total	467,618	8,612	100.0

GRUNDY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	127,381	2,927	29.2
	Ag Land	261,661	4,754	47.5
	Ag Building	20,649	375	3.7
	Commercial	18,669	463	4.6
	Industrial	16,889	391	3.9
	Personal	24,652	497	4.9
	Personal Real	7,796	194	1.9
	Utilities	24,701	472	4.7
	Total	500,089	10,012	100.0

GUTHRIE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	84,959	1,950	27.9
	Ag Land	183,574	3,428	49.0
	Ag Building	6,538	123	1.8
	Commercial	22,712	598	8.5
	Industrial	3,062	69	1.0
	Personal	10,410	216	3.1
	Personal Real	854	21	0.3
	Utilities	33,214	638	9.1
	Total	342,973	6,986	100.0

HAMILTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	152,084	3,581	28.4
	Ag Land	290,431	5,144	40.8
	Ag Building	22,757	403	3.2
	Commercial	55,145	1,340	10.6
	Industrial	14,585	353	2.8
	Personal	29,321	598	4.7
	Personal Real	16,135	414	3.3
	Utilities	41,975	852	6.7
	Total	619,277	12,609	100.0

HANCOCK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	102,730	2,316	21.9
	Ag Land	285,045	4,639	43.8
	Ag Building	13,935	229	2.1
	Commercial	34,113	822	7.8
	Industrial	25,905	624	5.9
	Personal	23,959	445	4.2
	Personal Real	14,096	335	3.2
	Utilities	73,760	1,235	11.7
	Total	571,282	10,595	100.0

HARDIN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	167,708	4,044	32.1
	Ag Land	286,969	4,947	39.3
	Ag Building	14,446	248	2.0
	Commercial	54,756	1,357	10.8
	Industrial	10,840	264	2.1
	Personal	26,907	546	4.3
	Personal Real	16,061	378	3.0
	Utilities	44,376	905	7.2
	Total	617,984	12,592	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

HARRISON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	97,321	2,278	27.0
	Ag Land	218,497	4,030	47.8
	Ag Building	23,404	433	5.1
	Commercial	24,135	615	7.3
	Industrial	3,232	82	1.0
	Personal	16,715	343	4.1
	Personal Real	1,662	45	0.5
	Utilities	31,882	648	7.7
	Total	415,052	8,428	100.0

HENRY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	124,563	3,374	35.0
	Ag Land	139,526	3,284	34.0
	Ag Building	22,657	527	5.5
	Commercial	38,792	1,072	11.1
	Industrial	11,710	308	3.2
	Personal	18,254	458	4.7
	Personal Real	9,066	242	2.5
	Utilities	18,740	458	4.7
	Total	380,422	9,644	100.0

HOWARD County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	61,863	1,609	25.1
	Ag Land	162,795	3,203	49.9
	Ag Building	22,704	447	7.0
	Commercial	17,591	484	7.5
	Industrial	6,520	188	2.9
	Personal	13,556	305	4.7
	Personal Real	0	0	0.0
	Utilities	10,302	226	3.5
	Total	293,671	6,419	100.0

HUMBOLDT County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	89,795	2,058	25.4
	Ag Land	214,560	3,656	45.2
	Ag Building	10,505	179	2.2
	Commercial	31,773	767	9.5
	Industrial	5,652	136	1.7
	Personal	20,694	394	4.9
	Personal Real	3,175	74	0.9
	Utilities	47,382	874	10.8
	Total	421,292	8,087	100.0

IDA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	55,702	1,310	23.6
	Ag Land	146,320	2,687	48.4
	Ag Building	11,513	210	3.8
	Commercial	24,097	598	10.8
	Industrial	4,261	111	2.0
	Personal	11,828	237	4.3
	Personal Real	1,066	27	0.5
	Utilities	20,149	414	7.5
	Total	273,465	5,556	100.0

IOWA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	106,723	2,409	27.3
	Ag Land	166,072	3,285	37.1
	Ag Building	28,397	556	6.3
	Commercial	27,591	616	7.0
	Industrial	23,820	488	5.5
	Personal	22,675	463	5.2
	Personal Real	25,657	525	5.9
	Utilities	27,440	559	6.3
	Total	425,761	8,841	100.0

JACKSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	147,494	4,048	40.5
	Ag Land	125,926	3,038	30.4
	Ag Building	21,595	521	5.2
	Commercial	40,042	1,147	11.5
	Industrial	4,722	165	1.7
	Personal	13,627	358	3.6
	Personal Real	5,263	151	1.5
	Utilities	26,107	655	6.6
	Total	382,393	9,995	100.0

JASPER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	281,420	7,450	37.8
	Ag Land	239,433	5,317	26.9
	Ag Building	34,455	734	3.7
	Commercial	79,340	2,194	11.1
	Industrial	31,240	904	4.6
	Personal	46,088	1,202	6.0
	Personal Real	38,736	1,118	5.6
	Utilities	49,634	1,165	5.9
	Total	794,061	19,716	100.0

JEFFERSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	195,402	2,560	33.7
	Ag Land	109,013	2,272	29.9
	Ag Building	21,957	457	6.0
	Commercial	32,885	838	11.0
	Industrial	21,016	551	7.2
	Personal	16,771	382	5.0
	Personal Real	362	10	0.1
	Utilities	26,819	586	7.7
	Total	331,978	7,600	100.0

JOHNSON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	694,968	19,805	48.6
	Ag Land	168,817	3,743	9.2
	Ag Building	27,214	601	1.5
	Commercial	332,574	10,009	24.5
	Industrial	27,309	786	2.0
	Personal	56,209	1,580	3.9
	Personal Real	37,685	1,158	2.8
	Utilities	124,610	3,349	8.2
	Total	1,460,607	40,793	100.0

JONES County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	132,711	3,361	34.9
	Ag Land	163,118	3,417	35.5
	Ag Building	29,430	614	6.7
	Commercial	26,115	691	7.2
	Industrial	8,188	219	2.3
	Personal	17,832	409	4.2
	Personal Real	8,626	235	2.4
	Utilities	34,152	753	7.8
	Total	417,109	9,616	100.0

KEOKUK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	70,646	1,676	24.0
	Ag Land	176,339	3,355	47.9
	Ag Building	34,427	653	9.4
	Commercial	16,765	415	5.9
	Industrial	5,983	134	1.9
	Personal	14,968	306	4.4
	Personal Real	653	14	0.1
	Utilities	24,476	496	7.0
	Total	342,036	6,997	100.0

KOSSUTH County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	165,044	3,269	22.8
	Ag Land	489,713	7,204	50.3
	Ag Building	21,401	316	2.2
	Commercial	49,439	1,074	7.5
	Industrial	37,379	755	5.3
	Personal	38,602	627	4.3
	Personal Real	5,683	125	0.9
	Utilities	64,845	1,030	7.2
	Total	868,619	14,320	100.0

LEE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	303,347	8,253	35.3
	Ag Land	112,161	2,412	10.3
	Ag Building	20,075	430	1.8
	Commercial	100,339	2,763	11.8
	Industrial	100,166	2,857	12.2
	Personal	38,583	1,045	4.5
	Personal Real	128,269	3,844	16.4
	Utilities	77,128	2,013	8.6
	Total	872,614	23,408	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

LINN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	1,656,495	50,463	50.4
	Ag Land	209,030	4,998	5.0
	Ag Building	34,103	816	0.8
	Commercial	627,026	19,735	19.7
	Industrial	171,142	5,394	5.6
	Personal	134,736	4,164	4.1
	Personal Real	206,391	6,545	6.5
	Utilities	313,120	8,685	8.7
	Total	3,321,361	99,965	100.0

LOUISA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	72,660	1,704	23.0
	Ag Land	126,186	2,721	36.6
	Ag Building	12,500	270	3.6
	Commercial	18,899	475	6.4
	Industrial	2,507	57	0.8
	Personal	10,852	243	3.3
	Personal Real	982	22	0.3
	Utilities	95,337	1,981	26.7
	Total	337,962	7,426	100.0

LUCAS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	63,473	1,870	33.0
	Ag Land	80,975	1,914	33.8
	Ag Building	9,614	228	4.0
	Commercial	20,851	676	12.0
	Industrial	2,678	73	1.3
	Personal	15,734	465	8.2
	Personal Real	2,613	82	1.4
	Utilities	15,310	400	7.0
	Total	209,543	5,659	100.0

LYON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	79,176	1,594	23.6
	Ag Land	216,561	3,555	52.6
	Ag Building	27,137	445	6.6
	Commercial	23,028	491	7.2
	Industrial	1,707	33	0.5
	Personal	15,284	264	3.4
	Personal Real	359	7	0.1
	Utilities	23,702	407	6.0
	Total	384,986	6,757	100.0

MADISON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	94,314	2,542	31.3
	Ag Land	138,918	3,269	40.2
	Ag Building	19,127	449	5.5
	Commercial	19,101	529	6.5
	Industrial	458	12	0.1
	Personal	11,435	281	3.5
	Personal Real	480	13	0.1
	Utilities	45,171	1,083	13.3
	Total	326,887	8,135	100.0

MAHASKA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	164,991	3,704	34.0
	Ag Land	186,562	3,337	30.7
	Ag Building	33,336	599	5.5
	Commercial	52,809	1,274	11.7
	Industrial	15,469	378	3.5
	Personal	21,337	445	4.1
	Personal Real	8,855	223	2.1
	Utilities	51,357	1,003	9.2
	Total	531,109	10,883	100.0

MARION County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	217,149	5,371	43.4
	Ag Land	121,619	2,756	22.3
	Ag Building	19,455	433	3.5
	Commercial	56,999	1,430	11.6
	Industrial	25,399	597	4.8
	Personal	21,335	491	4.0
	Personal Real	25,880	621	5.0
	Utilities	32,302	771	6.2
	Total	515,800	12,371	100.0

MARSHALL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	328,542	9,573	39.7
	Ag Land	230,310	4,720	19.6
	Ag Building	36,633	747	3.1
	Commercial	103,383	3,117	12.9
	Industrial	37,603	1,190	4.9
	Personal	44,759	1,274	5.3
	Personal Real	35,009	1,109	4.6
	Utilities	91,674	2,612	10.8
	Total	900,377	24,124	100.0

MILLS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	83,181	2,052	28.3
	Ag Land	154,432	2,966	40.9
	Ag Building	14,062	270	3.7
	Commercial	20,664	550	7.6
	Industrial	1,818	48	0.7
	Personal	12,444	263	3.6
	Personal Real	1,740	47	0.6
	Utilities	54,131	1,092	15.1
	Total	341,016	7,251	100.0

MITCHELL County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	79,613	1,637	25.0
	Ag Land	220,689	3,527	53.8
	Ag Building	15,337	245	3.7
	Commercial	21,324	453	6.5
	Industrial	3,392	82	1.3
	Personal	15,694	272	4.2
	Personal Real	2,819	64	1.0
	Utilities	18,825	315	4.8
	Total	375,565	6,551	100.0

MONONA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	68,053	1,651	21.3
	Ag Land	224,846	4,185	52.0
	Ag Building	24,700	274	3.5
	Commercial	25,509	659	8.5
	Industrial	876	24	0.3
	Personal	13,054	272	3.5
	Personal Real	2,061	54	0.7
	Utilities	35,397	686	8.8
	Total	382,301	7,757	100.0

MONROE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	47,123	1,479	29.4
	Ag Land	81,554	2,070	41.1
	Ag Building	7,522	190	3.8
	Commercial	14,041	464	9.2
	Industrial	3,864	114	2.3
	Personal	6,170	179	3.6
	Personal Real	4,853	154	3.1
	Utilities	15,622	423	8.4
	Total	179,457	5,034	100.0

MONTGOMERY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	87,619	2,320	30.0
	Ag Land	171,649	3,079	39.8
	Ag Building	15,263	274	3.5
	Commercial	23,309	636	8.2
	Industrial	10,050	252	3.3
	Personal	14,242	305	3.9
	Personal Real	10,759	239	3.1
	Utilities	34,048	700	9.0
	Total	364,410	7,739	100.0

MUSCATINE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	335,204	9,960	42.1
	Ag Land	144,273	3,056	12.9
	Ag Building	24,024	512	2.1
	Commercial	91,946	2,703	11.4
	Industrial	74,476	1,914	8.1
	Personal	35,687	945	4.0
	Personal Real	125,663	3,301	14.0
	Utilities	60,504	1,410	5.9
	Total	905,349	23,630	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

O'BRIEN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	121,273	2,672	29.6
	Ag Land	266,815	4,072	45.2
	Ag Building	17,689	270	3.0
	Commercial	45,402	1,043	11.6
	Industrial	4,831	123	1.4
	Personal	18,986	340	3.5
	Personal Real	2,690	67	0.8
	Utilities	28,063	484	5.3
	Total	502,681	9,007	100.0

OSCEOLA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	54,459	1,180	20.7
	Ag Land	189,325	3,260	57.3
	Ag Building	11,503	198	3.5
	Commercial	15,466	358	6.3
	Industrial	6,999	167	2.9
	Personal	12,936	248	4.4
	Personal Real	3,086	70	1.2
	Utilities	13,310	244	4.2
	Total	305,488	5,690	100.0

PAGE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	107,788	2,872	30.9
	Ag Land	199,294	3,649	39.4
	Ag Building	16,550	303	3.3
	Commercial	37,084	1,076	11.6
	Industrial	6,066	175	1.9
	Personal	16,662	373	4.0
	Personal Real	7,962	233	2.5
	Utilities	30,628	671	7.2
	Total	418,858	9,269	100.0

PALO ALTO County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	80,494	1,784	23.8
	Ag Land	255,286	4,099	54.8
	Ag Building	22,191	357	4.8
	Commercial	28,835	681	9.1
	Industrial	2,141	47	0.6
	Personal	13,823	241	3.2
	Personal Real	0	0	0.0
	Utilities	17,667	320	4.2
	Total	418,169	7,481	100.0

PLYMOUTH County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	187,106	4,117	34.5
	Ag Land	259,314	4,317	36.2
	Ag Building	43,765	725	6.1
	Commercial	44,466	1,068	8.9
	Industrial	6,899	159	1.3
	Personal	26,853	498	4.2
	Personal Real	3,209	75	0.6
	Utilities	58,837	1,065	8.8
	Total	626,519	11,935	100.0

POCAHONTAS County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	75,251	1,487	18.9
	Ag Land	300,202	4,514	57.5
	Ag Building	19,583	294	3.7
	Commercial	29,737	647	8.2
	Industrial	2,531	44	0.6
	Personal	23,436	386	4.9
	Personal Real	2,853	49	0.6
	Utilities	29,601	477	6.1
	Total	481,014	7,856	100.0

POLK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	2,885,297	97,351	51.9
	Ag Land	117,961	4,708	2.5
	Ag Building	17,290	459	0.2
	Commercial	1,549,710	52,461	28.0
	Industrial	287,843	9,491	5.1
	Personal	248,511	8,647	4.6
	Personal Real	119,438	4,100	2.2
	Utilities	373,894	11,948	6.4
	Total	5,606,319	187,694	100.0

POTTAWATTAMIE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	556,010	18,301	44.8
	Ag Land	322,838	6,513	15.9
	Ag Building	44,897	909	2.2
	Commercial	168,485	6,040	14.8
	Industrial	25,247	875	2.1
POTTAWATTAMIE County continued	Personal	43,161	1,272	3.1
	Personal Real	23,046	782	1.9
	Utilities	217,420	6,582	16.1
	Total	1,386,510	40,846	100.0

POWESHIEK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	151,378	3,948	36.4
	Ag Land	177,220	3,503	32.3
	Ag Building	36,405	719	6.6
	Commercial	38,057	1,026	9.4
	Industrial	12,892	362	3.3
	Personal	23,559	532	4.9
	Personal Real	6,606	174	1.6
	Utilities	31,909	674	6.2
	Total	474,939	10,860	100.0

RINGGOLD County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	34,802	906	20.7
	Ag Land	114,190	2,353	53.7
	Ag Building	18,321	376	8.6
	Commercial	8,799	264	6.0
	Industrial	1,021	31	0.7
	Personal	6,385	145	3.3
	Personal Real	0	0	0.0
	Utilities	15,040	335	7.6
	Total	197,468	4,382	100.0

SAC County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	95,803	2,190	24.6
	Ag Land	253,121	4,570	51.5
	Ag Building	25,103	454	5.1
	Commercial	27,381	649	7.3
	Industrial	5,291	126	1.4
	Personal	20,805	410	4.6
	Personal Real	1,701	38	0.4
	Utilities	25,501	498	5.5
	Total	452,132	8,919	100.0

SCOTT County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	1,500,820	46,376	48.7
	Ag Land	153,054	3,454	3.6
	Ag Building	32,698	733	0.8
	Commercial	640,164	20,294	21.3
	Industrial	207,994	6,114	6.4
	Personal	129,768	3,734	3.9
	Personal Real	242,709	7,079	7.4
	Utilities	255,814	7,658	8.0
	Total	3,139,661	95,283	100.0

SHELBY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	96,764	2,455	28.0
	Ag Land	198,273	3,970	45.3
	Ag Building	31,884	641	7.3
	Commercial	27,948	766	8.7
	Industrial	2,753	66	0.8
	Personal	18,421	403	4.6
	Personal Real	1,750	44	0.2
	Utilities	23,318	481	5.5
	Total	398,717	8,767	100.0

SIOUX County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	221,017	5,271	35.4
	Ag Land	296,180	5,246	35.2
	Ag Building	28,392	504	3.4
	Commercial	73,154	1,770	11.9
	Industrial	13,305	310	2.1
	Personal	31,830	647	4.3
	Personal Real	10,705	235	1.6
	Utilities	53,227	1,002	6.7
	Total	723,543	14,888	100.0

STORY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	564,042	14,430	48.3
	Ag Land	271,980	5,139	17.2
	Ag Building	25,830	488	1.6
	Commercial	247,802	6,503	21.7
	Industrial	30,464	793	2.7
	Personal	43,571	1,013	3.4
	Personal Real	2,649	629	2.1
	Utilities	50,423	1,106	3.7
	Total	1,249,381	29,905	100.0

property valuation and tax levies by property class. Iowa counties, 1983. (continued)

TAMA County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	134,529	3,144	27.3
	Ag Land	304,252	5,453	47.4
	Ag Building	31,040	560	4.9
	Commercial	37,128	948	8.2
	Industrial	14,592	352	3.1
	Personal	22,986	455	4.0
	Personal Real	5,020	113	1.0
	Utilities	28,098	564	4.9
	Total	574,266	11,509	100.0

TAYLOR County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	33,603	813	18.0
	Ag Land	151,693	2,820	62.3
	Ag Building	13,241	246	5.4
	Commercial	5,802	155	3.4
	Industrial	1,449	40	0.9
	Personal	8,544	171	3.8
	Personal Real	0	0	0.0
	Utilities	16,382	319	7.0
	Total	229,074	4,530	100.0

UNION County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	83,381	2,523	34.5
	Ag Land	94,991	2,025	27.7
	Ag Building	10,979	234	3.2
	Commercial	37,121	1,179	16.1
	Industrial	11,535	284	3.9
	Personal	10,718	285	3.9
	Personal Real	0	0	0.0
	Utilities	36,730	850	11.6
	Total	283,226	7,313	100.0

VAN BUREN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	34,250	909	20.3
	Ag Land	95,988	2,295	52.7
	Ag Building	15,000	350	8.5
	Commercial	6,608	183	4.2
	Industrial	2,608	74	1.7
	Personal	6,859	171	3.9
	Personal Real	3,274	89	2.0
	Utilities	12,668	314	7.2
	Total	175,812	4,355	100.0

WAPELLO County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	248,841	9,592	46.4
	Ag Land	101,770	2,709	13.1
	Ag Building	8,078	213	1.0
	Commercial	73,161	2,958	14.3
	Industrial	24,774	975	4.7
	Personal	28,241	1,062	5.1
	Personal Real	13,765	545	2.6
	Utilities	106,060	2,940	14.2
	Total	596,734	20,691	100.0

WARREN County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	302,995	8,463	53.8
	Ag Land	122,136	3,030	19.3
	Ag Building	26,882	662	4.2
	Commercial	59,349	1,663	10.6
	Industrial	2,577	68	0.4
	Personal	17,300	459	2.5
	Personal Real	2,824	77	0.5
	Utilities	55,961	1,458	9.3
	Total	584,365	15,723	100.0

WASHINGTON County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	153,626	3,505	31.9
	Ag Land	207,472	3,974	36.2
	Ag Building	34,560	663	6.0
	Commercial	47,387	1,107	10.0
	Industrial	15,016	361	3.3
	Personal	23,598	491	4.5
	Personal Real	12,936	314	2.9
	Utilities	31,632	643	5.8
	Total	524,155	10,989	100.0

WAYNE County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	46,549	1,050	23.6
	Ag Land	116,070	2,150	48.3
	Ag Building	14,052	260	5.8
	Commercial	13,382	317	7.1
	Industrial	2,270	55	1.2
	Personal	8,075	162	3.6
	Personal Real	1,604	90	0.9
	Utilities	23,335	455	10.2
	Total	223,764	4,453	100.0

WEBSTER County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	343,839	9,895	38.0
	Ag Land	346,373	6,615	25.4
	Ag Building	10,160	194	0.7
	Commercial	143,809	4,236	16.3
	Industrial	40,478	1,036	4.0
	Personal	43,885	1,161	4.5
	Personal Real	24,064	641	2.5
	Utilities	102,187	2,435	9.3
	Total	1,046,612	26,038	100.0

WINNEBAGO County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	96,528	2,043	30.0
	Ag Land	206,464	3,121	45.9
	Ag Building	8,306	125	1.8
	Commercial	29,052	677	9.9
	Industrial	7,234	163	2.4
	Personal	18,904	343	5.0
	Personal Real	5,521	119	1.8
	Utilities	15,510	255	3.8
	Total	385,485	6,803	100.0

WINNESHIEK County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	132,670	3,383	34.3
	Ag Land	135,514	2,886	29.3
	Ag Building	60,106	1,282	13.0
	Commercial	35,335	966	9.8
	Industrial	5,067	135	1.4
	Personal	22,947	530	5.4
	Personal Real	3,566	100	1.0
	Utilities	28,076	647	6.5
	Total	420,485	9,859	100.0

WOODBURY County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	723,238	25,611	45.7
	Ag Land	278,693	5,109	9.1
	Ag Building	16,616	308	0.5
	Commercial	301,683	11,046	19.7
	Industrial	64,742	1,922	3.4
	Personal	72,671	2,378	4.2
	Personal Real	74,645	2,119	3.8
	Utilities	356,889	8,042	14.3
	Total	1,870,871	56,097	100.0

WORTH County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	64,641	1,321	23.7
	Ag Land	187,130	3,119	55.8
	Ag Building	7,980	133	2.7
	Commercial	14,381	316	5.6
	Industrial	826	16	0.3
	Personal	11,070	192	3.4
	Personal Real	957	21	0.4
	Utilities	28,499	500	8.9
	Total	313,929	5,587	100.0

WRIGHT County	Class of Property	Valuation ($000)	Tax Levied ($000)	% of Total Tax Levied
	Residential	128,847	3,007	26.5
	Ag Land	317,322	5,112	45.0
	Ag Building	9,944	160	1.4
	Commercial	40,914	1,029	9.1
	Industrial	19,917	498	4.4
	Personal	28,274	553	4.5
	Personal Real	15,831	394	3.5
	Utilities	35,831	668	5.9
	Total	594,045	11,352	100.0

Source: Office of State Comptroller

Iowa retail trade, 1981

SIC Code	Kind of Business	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Retail trade[1]	19,379	200,773	1,497,123
52	Building materials and garden supplies	1,553	10,009	110,733
521	Lumber and other building materials	689	5,448	74,224
525	Hardware stores	533	3,001	21,538
532	General merchandise stores	676	24,981	182,178
531	Department stores	154	18,663	140,636
533	Variety stores	228	2,659	14,576
539	Misc. general merchandise stores	281	3,577	26,481
54	Food stores	1,961	31,115	278,177
541	Grocery stores	1,492	27,949	261,232
542	Meat and fish (seafood) markets, including freezer provisions	120	723	5,346
546	Retail bakeries	170	1,537	7,239
55	Automotive dealers & service stations	3,465	24,758	269,933
551	New and used car dealers	663	10,389	148,026
552	Used car dealers only	113	391	3,415
554	Gasoline service stations	2,058	10,042	72,490
56	Apparel and accessory stores	1,944	12,249	76,085
561	Men's and boys clothing and furnishings stores	338	2,298	16,492
562	Women's ready to wear stores	686	4,664	25,367
565	Family clothing stores	169	1,632	10,578
566	Shoe stores	479	2,371	16,285
57	Furniture and home furnishings and equipment	1,279	7,202	72,658
571	Furniture and home furnishings stores	674	3,991	40,979
572	Household appliance stores	194	1,093	12,168
573	Radio, television and music stores	406	2,103	19,377
58	Eating and drinking places	4,822	64,038	264,262
5812	Eating places	3,059	53,657	225,050
5813	Drinking places (alcoholic beverages)	1,369	6,716	26,001
591	Drug and proprietary stores	684	6,509	46,626
594	Miscellaneous shopping good store[2]	1,211	6,432	45,555
5942	Book stores	111	723	4,272
5943	Stationery stores	42	315	2,834
5944	Jewelry stores	276	1,614	16,003
5947	Gift, novelty, and souvenir shops	214	1,018	5,133
5992	Florists	303	1,590	9,125

[1]Excludes nonemployer direct sellers.
[2]Includes sales from catalog order desks.
Source: County Business Patterns, 1981, U.S. Department of Commerce, Bureau of the Census.

taxable retail sales by county
(thousands)

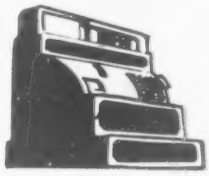
	1975[1]	1978	1979[1]	1980[1]	1981[1]	1982[1]
Adair	$ 24,068	$ 29,434	$ 34,662	$ 39,320	$ 38,987	$ 40,323
Adams	11,366	13,775	15,976	17,514	16,803	18,028
Allamakee	32,141	41,514	47,793	52,675	52,720	57,202
Appanoose	35,265	44,267	51,052	55,779	56,152	53,664
Audubon	19,642	26,776	27,572	32,742	28,933	28,905
Benton	46,093	57,781	66,588	76,492	74,606	73,919
Black Hawk	417,605	560,680	598,904	658,746	673,137	688,478
Boone	60,394	70,673	79,870	86,329	83,574	81,074
Bremer	57,835	75,310	81,560	90,122	92,349	93,843
Buchanan	41,126	54,918	62,115	69,317	66,150	68,936
Buena Vista	63,471	83,840	95,727	108,572	104,185	104,862
Butler	35,882	43,632	49,333	52,050	50,217	52,950
Calhoun	33,158	38,499	45,290	50,962	48,422	47,381
Carroll	70,011	89,758	106,168	117,779	112,462	115,488
Cass	52,014	65,890	76,445	82,205	82,826	80,993
Cedar	38,348	53,237	58,045	62,210	60,779	61,161
Cerro Gordo	166,629	209,957	231,515	244,267	249,493	258,850
Cherokee	41,031	53,739	61,608	85,051	65,937	65,970
Chickasaw	34,973	46,762	52,713	57,881	53,990	55,830
Clarke	18,549	26,062	32,357	34,502	36,225	35,401
Clay	73,777	92,963	105,445	116,553	116,970	116,614
Clayton	40,597	54,532	63,849	74,339	68,753	68,374
Clinton	146,616	182,322	203,943	222,242	230,140	234,645
Crawford	39,698	51,350	60,242	69,011	67,274	66,428
Dallas	64,721	78,783	91,428	99,692	100,277	101,527
Davis	14,688	18,327	21,701	25,007	25,403	26,322
Decatur	14,287	17,382	20,332	21,056	22,141	22,478
Delaware	37,004	49,421	57,645	63,985	61,870	62,753
Des Moines	132,279	177,350	192,748	215,639	217,059	221,687
Dickinson	43,580	59,821	65,431	69,620	67,682	69,541
Dubuque	261,201	20,311	389,423	422,979	424,539	425,435
Emmet	40,063	46,998	52,490	57,358	59,055	57,858
Fayette	64,637	84,654	94,051	104,586	101,717	103,484
Floyd	47,831	61,305	67,802	73,091	71,609	75,862
Franklin	36,873	49,818	55,184	58,565	57,434	56,426
Fremont	14,662	17,480	21,029	24,176	25,911	28,091
Greene	31,115	36,139	43,964	50,659	48,186	46,484
Grundy	33,662	38,279	43,350	47,933	47,446	49,139
Guthrie	22,203	27,931	32,833	37,298	34,516	35,156
Hamilton	49,468	59,144	67,737	74,909	70,899	71,709
Hancock	34,241	43,088	51,087	56,077	51,868	50,919
Hardin	69,586	84,221	100,762	109,944	105,757	105,574
Harrison	30,268	35,869	44,640	49,710	49,021	45,941
Henry	48,517	64,648	69,837	76,243	74,960	74,959
Howard	25,372	32,696	38,183	42,129	40,736	42,931
Humboldt	36,429	41,294	46,996	53,193	51,845	53,308
Ida	22,943	28,513	33,618	36,166	33,914	35,036
Iowa	45,205	57,212	67,374	71,150	72,886	72,273
Jackson	42,155	54,803	63,979	70,291	70,056	70,645
Jasper	88,171	110,458	129,368	142,569	138,110	140,164
Jefferson	39,012	48,974	54,132	60,702	61,176	61,547

taxable retail sales by county (continued)
(thousands)

	1975[1]	1978	1979[1]	1980[1]	1981[1]	1982[1]
Johnson	$ 193,175	$ 268,595	$ 289,911	$ 312,659	$ 330,529	$ 354,494
Jones	44,116	60,263	69,347	78,123	72,002	75,034
Keokuk	25,049	33,841	38,876	41,745	38,379	39,107
Kossuth	65,651	82,343	96,509	109,440	103,426	108,918
Lee	106,747	148,802	165,807	178,256	183,719	186,549
Linn	547,697	728,817	826,831	946,043	943,121	965,138
Louisa	18,677	23,153	25,213	29,453	30,752	30,320
Lucas	22,446	25,901	29,537	33,718	34,462	35,480
Lyon	23,484	30,994	37,621	41,048	36,638	35,025
Madison	21,365	26,710	30,747	33,406	32,701	31,958
Mahaska	63,302	80,033	94,507	100,306	95,234	95,334
Marion	69,132	78,931	91,856	101,191	98,000	101,691
Marshall	127,730	156,431	172,364	179,748	184,688	186,337
Mills	17,865	24,137	28,510	31,897	32,109	32,896
Mitchell	28,345	34,376	41,375	45,004	41,840	42,814
Monona	30,513	38,987	44,727	48,390	43,537	42,516
Monroe	15,977	20,321	23,891	26,436	26,157	26,851
Montgomery	38,634	44,711	50,628	57,157	57,633	57,744
Muscatine	101,020	132,349	147,897	158,679	168,646	181,152
O'Brien	42,270	57,692	64,541	71,512	66,445	68,400
Osceola	18,654	24,402	28,829	30,335	28,276	27,680
Page	55,357	69,122	77,812	85,983	81,692	79,121
Palo Alto	28,963	36,020	41,048	44,314	42,448	41,934
Plymouth	52,544	64,906	74,817	82,242	77,700	78,787
Pocahontas	31,092	34,924	40,477	44,047	41,999	41,383
Polk	1,261,211	1,639,611	1,819,133	2,020,684	2,026,193	2,102,475
Pottawattamie	159,474	226,951	259,504	282,253	298,492	302,821
Poweshiek	48,292	61,149	70,230	78,112	78,015	86,976
Ringgold	11,024	14,124	17,980	19,804	18,140	19,120
Sac	38,217	45,432	51,908	56,080	50,378	49,047
Scott	493,954	664,377	738,275	807,558	831,452	860,719
Shelby	35,610	42,135	52,400	59,447	56,784	56,946
Sioux	67,751	90,761	110,306	122,809	112,338	114,240
Story	161,680	214,753	244,784	265,745	275,838	285,653
Tama	48,266	54,906	63,276	73,328	69,247	70,289
Taylor	13,771	17,500	20,307	21,979	19,757	20,290
Union	35,240	45,619	50,963	57,760	55,236	55,854
Van Buren	12,082	14,734	17,156	19,059	17,961	16,249
Wapello	102,421	123,840	137,808	152,253	158,106	153,275
Warren	40,117	52,767	62,639	67,243	64,938	68,112
Washington	56,284	74,461	82,222	88,183	84,783	86,440
Wayne	14,281	16,771	20,269	23,071	20,935	21,524
Webster	165,329	208,577	227,555	254,231	247,918	246,175
Winnebago	32,891	40,702	45,442	48,483	46,620	46,166
Winneshiek	41,921	55,717	64,565	71,450	72,660	76,599
Woodbury	350,143	446,327	489,381	506,609	521,630	539,270
Worth	18,464	21,425	26,177	28,614	25,690	23,555
Wright	51,280	63,555	71,445	74,329	72,874	77,786
Nonresidents						47,163
Late Filers						240,672
State	$8,040,975	10,599,259	$11,937,333	$13,092,630	$13,112,407	$13,410,647

[1] For 12 months beginning April 1 and ending March 31.
Source: Retail Sales and Use Tax Report Annual Report, Iowa Department of Revenue

taxable retail sales by product class[1], Iowa (thousands)



	1975[2]	1977[2]	1978[2]	1979[2]	1980[2]	1981[2]	1982[2]
Food Dealers	$ 694,125	$ 442,941	$ 479,186	$ 521,913	$ 566,982	$ 633,131	$ 665,797
Eating and Drinking	436,612	725,120	790,873	885,818	983,575	1,057,482	1,112,737
Apparel	256,288	314,885	341,140	369,730	401,451	409,041	438,051
General Merchandise	N A	1,016,941	1,148,175	1,220,533	1,305,139	1,378,502	1,447,098
Speciality retail	N A	741,756	819,616	902,409	1,010,016	1,044,113	1,066,788
Home Furnishing	284,678	395,395	435,240	469,590	511,106	475,254	466,077
Motor Vehicle	N A	651,815	40,184	779,410	856,845	902,574	821,470
Filling Stations	304,410	305,940	322,104	343,920	391,397	448,491	348,702
Auto Dealers & Garage	242,218	311,159	335,992	386,231	210,925	195,406	197,972
Building Materials	N A	733,556	835,013	929,834	991,200	852,565	794,786
Wholesale goods	N A	1,563,132	1,690,053	2,071,233	2,344,808	2,083,336	2,048,145
Services	546,815	953,322	1,048,011	1,176,384	1,304,607	1,326,372	1,406,228
Utilities & Trans.	N A	1,175,982	1,309,175	1,486,445	1,622,413	1,785,196	2,026,777
Miscellaneous	N A	790,336	990,435	890,004	966,462	887,712	828,858
Non-resident							47,163
Late Filers							240,672
Total	$8,040,975	$9,695,572	$10,599,259	$11,937,333	$13,112,407	$13,092,630	$13,410,647

[1]Beginning July 1, 1974, food and drugs were exempt from sales tax. The exemption does not apply to food sold as part of a meal.
[2]For the 12 months beginning April 1 and ending March 31.
Source: Retail Sales and Use Tax Annual Report, Iowa Department of Revenue.

Iowa wholesale trade, 1981

SIC Code	Kind of Business	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Wholesale trade	7,395	75,149	1,205,838
501	Motor vehicles, automotive parts and supplies	618	5,530	84,140
502	Furniture and home furnishings	62	677	11,543
503	Lumber and other construction materials	193	2,323	41,185
504	Sporting, recreational, photographic, and hobby goods, toys, and supplies	66	670	10,861
505	Metals and minerals, except petroleum	66	765	15,304
506	Electrical goods	288	2,712	49,531
507	Hardware, plumbing, heating (equipment and supplies)	251	2,307	39,333
508	Machinery, equipment and supplies	1,658	17,581	300,809
511	Paper and paper products	112	1,573	27,085
512	Drugs and drug proprietaries and drug sundries	26	282	4,369
513	Apparel, piece goods and notions	29	293	3,330
514	Groceries and related products	388	8,452	144,594
515	Farm products and raw materials	1,203	11,379	160,834
516	Chemicals and allied products	74	601	11,411
517	Petroleum and petroleum products	604	3,562	51,517
518	Beer, wines and distilled alcoholic beverages	106	1,309	24,977

Source: County Business Patterns, 1981, U.S. Department of Commerce, Bureau of the Census.

communications media in Iowa

	1960	1965	1970	1980	1981	1982	1983
Telephones in use[1]							
Business	243,406	284,000	381,747	143,503	159,497	N/A	N/A
Residential	892,627	1,044,000	1,242,500	1,032,570	1,038,509	N/A	N/A
Total	1,136,033	1,328,000	1,624,247	1,176,073	1,198,006	1,266,548	N/A
Newspapers[3]							
Daily—Number	45	43	43	42	42	41	43
Net paid circulation	944,000	969,000	1,000,000	934,390	952,285	924,363	1,064,419
Morning—Number	4	4	5	7	7	8	9
Net paid circulation	289,000	301,000	331,000	451,228	452,461	535,241	491,478
Evening—Number	42	41	40	35	35	33	32
Net paid circulation	655,000	668,000	669,000	483,162	499,824	389,122	357,570
Sunday—Number	9	9	9	9	9	9	9
Net paid circulation	831,000	857,000	845,000	745,039	743,019	747,256	745,343
Weeklies—Number	368	356	346	339	341	335	336
Net paid circulation	649,832	674,739	688,389	780,663	779,321	759,340	755,934
Commercial broadcast[4]							
Stations—Total	80	94	120	196	195	196	209
Radio—Total	68	82	108	174	173	174	193
A.M.	61	68	73	85	84	84	87
F.M.	7	14	35	89	89	90	106
Television	12	12	12	15	15	15	16
Satellite T.V. Stations				7	7	7	7

Non-Commercial broadcast[4]	
Stations	13
Radio	12
AM	4
FM	8
Television	1

Cable T.V.[5]	
Systems	130
Subscription	275,000

[1]Iowa Commerce Commission.
[2]Since deregulation of the telephone systems only the number of access lines is available. An access line is a telephone line with an associated phone number.
[3]Iowa Press Association.
[4]Iowa Broadcasters Association Directory.
[5]Iowa Cable T.V. Association.
N/A = Not Available

housing units — midwest states, 1980

	Iowa	Minnesota	Missouri	Nebraska	South Dakota	Wisconsin
All Housing Units	1,121,199	1,612,960	1,988,915	624,829	276,997	1,863,897
Vacant — Seasonal and Migratory	68,166	167,738	195,516	53,429	34,474	211,636
All Year-Round Housing	1,053,033	1,445,222	1,793,399	571,400	242,523	1,652,261
Percent in One-Unit Structures	80.4	73.7	77.4	79.7	74.2	75.4
Number of Home Owners	756,517	1,035,689	1,248,755	390,931	168,002	1,127,367
Median Value of Owner's Homes $	40,600	53,100	36,700	38,000	36,600	48,600
Median Contract Rent $	175	212	153	170	148	185
Vacancy Rate — Homeowners	1.6	1.5	2.0	2.0	2.1	1.3
Vacancy Rate — Rental	7.3	5.8	9.0	7.9	10.1	5.0

Source: 1980 General Housing Characteristics, U.S. Department of Commerce, Bureau of the Census.

new residential construction, midwest states, authorized permit issuing places

	1970		1975		1980		1981		1982	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
United States	1,384,028	$19,663,561	949,234	$24,107,069	1,207,174	$47,156,286	997,697	$41,910,157	1,006,768	$40,491,734
IOWA	11,074	158,881	14,706	331,981	8,917	311,937	5,799	221,102	5,416	195,664
Minnesota	25,465	409,760	19,162	547,831	21,741	974,133	17,413	840,449	15,955	909,185
South Dakota	2,440	29,493	3,103	66,283	3,100	97,473	1,502	50,314	2,220	41,758
Nebraska	8,014	89,667	7,927	163,970	6,906	207,765	4,101	138,223	3,851	127,666
Kansas	9,906	149,634	12,106	323,686	10,930	434,523	8,430	361,541	8,628	350,008
Missouri	23,344	326,392	16,135	401,616	13,736	458,743	10,114	361,178	11,544	436,208
Illinois	54,204	907,026	39,325	1,084,862	26,659	1,086,582	16,551	775,381	18,980	909,727
Wisconsin	23,175	332,951	26,002	635,564	18,510	689,816	14,196	551,491	12,312	481,239

Source: Construction Reports — Housing Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census.

number and valuation of permits issued for new dwellings

City	1980		1981		1982		1983	
	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Ames	60	$ 5,204.1	20	$ 977.0	46	$ 1,459.5	50	$ 3,260.0
Bettendorf	66	6,439.5	72	6,381.6	53	4,403.1	59	5,539.6
Burlington	28	1,951.2	21	1,999.4	17	1,474.0	14	984.7
Cedar Falls	81	6,493.8	71	3,431.9	22	3,768.9	22	1,101.5
Cedar Rapids	167	7,607.0	123	5,851.1	33	1,687.8	38	1,119.1
Clinton	46	3,225.5	20	1,389.0	5	163.0	10	854.5
Council Bluffs	70	2,175.1	39	1,205.0	27	3,516.3	31	1,923.5
Davenport	207	12,388.3	166	10,257.9	119	7,336.0	100	5,317.4
Des Moines	428	16,124.0	256	15,274.5	121	6,078.4	50	3,706.8
Dubuque	75	3,961.0	18	1,361.8	9	573.9	11	970.3
Ft. Dodge	41	4,305.0	15	937.0	3	170.0	6	864.3
Iowa City	100	10,456.7	130	9,867.0	114	18,488.9	222	24,147.8
Keokuk	61	3,772.9	18	597.0	30	1,782.3	7	246.0
Marion	114	6,223.4	30	1,389.4	16	649.9	15	613.2
Marshalltown	18	1,093.0	11	709.0	14	840.0	5	1,185.0
Mason City	47	7,036.9	17	898.3	24	1,290.2	28	2,135.1
Muscatine	43	7,113.8	45	4,069.1	28	2,036.1	32	4,865.6
Newton	20	3,760.0	8	287.8	36	2,110.3	3	240.0
Ottumwa	47	4,804.7	24	1,029.0	13	1,523.0	10	445.0
Sioux City	83	1,982.1	46	1,245.6	30	2,390.8	47	1,399.0
Urbandale	127	8,329.6	33	1,847.8	53	4,288.1	89	4,243.7
Waterloo	294	13,721.1	222	8,575.1	52	2,538.5	39	2,012.1
West Des Moines	68	6,436.7	91	5,985.0	45	4,969.7	116	10,300.2
TOTAL	2,291	$144,605.6	1,496	$85,566.3	910	73,538.7	1,004	77,474.4

Source: Research Division, Iowa Development Commission.

value of new construction, Iowa

(thousands)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Yearly Totals
1983	$ 54,900	$62,100	$101,200	$173,700	$157,900	$177,900	$180,700	$158,800	N/A	N/A	N/A	N/A	N/A
1982	210,500	58,500	77,600	121,800	126,000	150,400	114,400	92,700	$106,000	$109,800	$ 91,900	$ 47,300	$1,264,200
1981	80,500	48,400	104,300	126,200	154,500	150,000	135,000	108,400	$156,400	$ 79,400	$ 77,800	$128,000	$1,258,100
1980	123,900	56,600	106,700	136,800	200,100	145,800	163,600	131,200	147,000	144,900	119,100	122,800	1,558,100
1979	73,236	53,183	147,467	147,606	287,279	214,837	158,720	176,380	158,786	193,241	106,364	663,684	2,387,317
1978	59,801	76,899	414,733	161,298	316,356	238,580	205,105	174,592	173,965	182,131	139,023	75,598	2,219,229
1977	48,693	55,174	133,417	131,420	168,807	149,278	167,181	161,213	124,248	145,207	127,728	95,655	1,509,082
1975	35,490	38,213	57,082	94,270	124,380	364,167	105,512	95,145	107,006	112,444	63,153	54,608	1,252,180
1970	37,595	62,098	43,835	48,426	74,185	84,441	92,815	67,216	55,985	59,911	41,753	41,039	709,679

N/A = Not Available
Source: F. W. Dodge Division, McGraw-Hill Information Systems Company. Proprietary Data provided by special permission

value of new residential construction, Iowa (thousands)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Yearly Totals
1983	$13,000	$20,400	$41,600	$62,900	$ 65,800	$ 69,000	$59,700	$73,400	N/A	N/A	N/A	N/A	N/A
1982	12,500	12,300	21,600	34,400	49,600	60,500	54,400	42,700	$42,900	$43,700	$45,100	$17,200	$432,300
1981	16,700	16,100	31,300	54,900	64,700	51,200	49,800	42,200	55,600	28,600	40,100	19,800	487,100
1980	21,700	17,200	34,400	28,300	39,700	46,100	60,800	74,300	54,000	80,700	76,100	40,600	552,400
1979	25,981	24,261	78,881	41,281	100,608	100,966	91,444	96,258	85,040	99,920	60,291	21,732	855,793

N/A = Not available
Source: F. W. Dodge Division, McGraw-Hill Information System Company. Proprietary Data provided by special permission

new residential construction, SMSA's

	1973		1975		1980		1981		1982	
Iowa SMSA's	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)	Number	Value (000)
Cedar Rapids	1,158	$17,483	1,318	$22,636	822	$21,923	407	$11,781	121	$ 4,213
Davenport	2,923	46,342	2,487	54,780	1,591	55,970	963	40,129	956	33,002
Des Moines	2,013	41,219	2,353	62,369	1,262	47,683	877	33,447	872	35,769
Dubuque	339	5,422	434	8,794	199	9,332	70	4,052	71	2,671
Iowa City	N/A	N/A	N/A	N/A	437	19,699	465	18,641	891	27,377
Omaha-Council Bluffs	3,207	58,073	2,711	42,061	2,839	59,287	1,387	33,389	2,088	54,237
Sioux City	358	6,612	927	16,862	213	6,471	130	4,848	123	3,618
Waterloo	354	4,893	1,114	23,071	747	23,100	442	14,755	187	6,674

Source: Construction Reports—Housing Authorized by Building Permits and Public Contracts, U.S. Department of Commerce, Bureau of the Census

Iowa's construction industry, 1981

SIC Code	Industry Description	Number of Establishments	Number of Employees	Payroll ($1,000)
	CONSTRUCTION INDUSTRIES, TOTAL	6,203	41,674	740,623
15	General contractors and operative builders	1,908	J	D
151	General building contractors	1,068	J	D
153	Operative builders	106	749	11,750
16	Heavy construction contractors	668	5,193	132,100
161	Highway and street construction	163	1,774	66,848
162	Heavy construction, except highways	497	3,379	64,652
17	Special trade contractors	3,626	22,923	391,855
171	Plumbing, heating, air conditioning	853	6,984	127,509
172	Painting, paper hanging, decorating	275	1,018	17,064
173	Electrical work	524	3,865	74,710
174	Masonry, stonework, plastering	401	2,657	44,436
1741	Masonry and other stonework	244	1,302	18,487
1742	Plastering, drywall and insulation	139	1,282	24,816
1743	Terrazzo, tile, marble mosaic work	15	66	1,078
175	Carpentering and flooring	434	1,747	19,736
1751	Carpentering	330	1,435	15,622
1752	Floor laying and floor work N.E.C.	87	281	3,847
176	Roofing and sheet metal work	259	2,065	31,966
177	Concrete work	234	904	14,698
178	Water well drilling	50	271	3,865
179	Miscellaneous special trade contractors	497	3,204	55,916
1791	Structural steel erection	28	357	8,540
1793	Glass and glazing work	24	188	3,374
1794	Excavating and foundation work	251	1,119	22,666
1795	Wrecking and demolition work	7	96	1,496
1796	Installing building equipment N.E.C.	42	427	8,350
1799	Special trade contractors N.E.C.	142	757	10,959

J: 10,000-24,999 employees
D: figures withheld to avoid disclosure of individual establishments
N.E.C.: Not elsewhere classified
Source: County Business Patterns, 1981. Bureau of the Census, U.S. Department of Commerce

Iowa kids stay in school

Enrollment

Grade	1970-71	1975-76	1977-78	1978-79[1]	1979-80[1]	1980-81[1]	1981-82[1]	1982-83[1]
Kindergarten	50,219	45,790	41,058	37,757	37,517	39,104	37,500	39,424
First	49,890	40,890	41,829	38,713	35,527	35,265	36,609	35,881
Second	49,547	39,051	41,263	40,208	36,938	34,004	33,771	35,147
Third	50,510	39,461	39,539	40,856	39,622	36,449	33,499	33,227
Fourth	51,264	40,635	38,913	39,586	40,597	39,672	36,097	33,321
Fifth	50,314	43,225	39,688	38,605	39,141	40,118	39,094	35,628
Sixth	49,762	46,410	41,061	39,541	38,493	38,935	39,575	38,641
Ungraded Elem.	6,205	6,566	3,565	2,278	2,473	2,054	1,643	N/A
Total K-6	357,711	302,028	286,916	277,544	270,308	265,601	257,788	251,269
Seventh	48,918	49,570	44,569	41,527	40,283	39,238	39,190	39,947
Eighth	49,737	50,961	47,563	44,149	41,231	40,120	38,163	38,870
Ninth	50,725	53,099	50,229	48,352	44,992	42,372	40,612	39,257
Ungraded Jr. High	*	242	286	304	434	196	1,362	
Total 7-9	149,380	153,872	142,647	134,332	126,940	121,926	119,327	118,074
Tenth	49,961	51,612	50,648	49,142	46,792	43,842	41,423	39,814
Eleventh	47,817	49,085	49,659	48,124	46,590	45,220	42,323	39,912
Twelfth	44,744	43,569	46,175	46,377	45,308	44,382	43,194	41,045
Ungraded Sr. High	190	262	462	1,108	1,270	1,314	714	
Total 10-12	142,712	144,528	146,944	144,751	139,960	134,758	127,654	120,771
Special Education	9,766	10,410	10,606	10,916	9,991	10,398	10,229	13,002
Post H.S.	7							N/A
Grand Total	659,576	610,838	587,113	567,543	547,199	532,683	514,956	503,116

N/A = Not Available.
[1]Data includes approved Public and Private schools in Iowa.
Source: Iowa Department of Public Instruction.

Iowans place a premium on education

Iowa has one of the nation's highest literacy rates because it has one of the nation's best school sytems. Traditionally, Iowa's 439 public school districts have been in the forefront of new trends in school financing, teaching methods, administration and curriculum. This attitude is supported by the 229 parochial and private schools.

Iowa has three state universities, 37 private ones, and 15 area vocational schools and area community schools.

The University of Iowa, Iowa City, has 29,599 enrollees. Its University Hospital facility is one of the nation's finest medical and educational institutions, often compared to the Mayo Clinic. The campus boasts the charming, "Old Capitol," well preserved seat of Iowa's first formal government.

Iowa State University, Ames, has 25,559 students in eight major fields: Agriculture, Agricultural Engineering, Home Economics, Science and Humanities, Veterinary Medicine, Education, Engineering and graduate studies. The university pioneered some of the advances in nuclear energy research and is a major developer of uses for agricultural products. The university also maintains an extension service that works closely with Iowans and their communities on a wide variety of social and economic projects.

The University of Northern Iowa, Cedar Falls, has 11,204 students. Originally a state teachers college, it now attracts students in a variety of fields, including business, in addition to teacher education. At the doctoral level it offers the Doctor of Industrial Technology, the only degree of its kind in the nation. A feature of its attractive campus is the UNI-Dome, a multi-purpose arena for sports and other events.

dropping out is not "in" among Iowa's students

Twelfth grade enrollment as a percentage of ninth grade for Iowa.

School year	%	School year	%
1967-68	92.1	1975-76	89.1
1968-69	93.0	1976-77	87.4
1969-70	93.0	1978-79r	87.3
1970-71	91.8	1979-80r	87.5
1971-72	90.6	1980-81r	88.4
1972-73	90.9	1981-82r	89.3
1974-75	89.1	1982-83	91.2

r = revised.
Source: Research and Development Group, Iowa Development Commission.

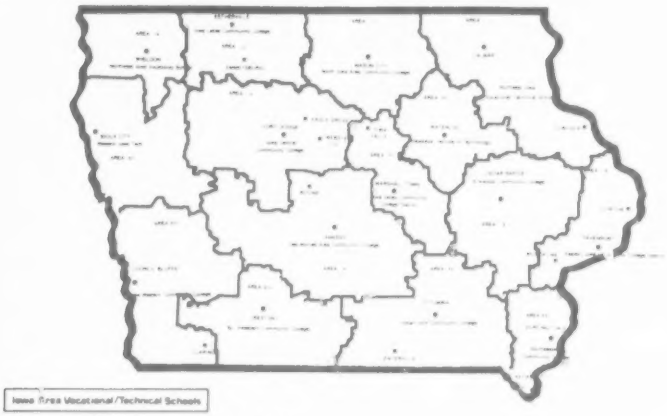
many Iowans go on to higher learning

Undergraduate Enrollment

Type of Institution	Fall 1975	Fall 1977	Fall 1978	Fall 1979	Fall 1980[1]	Fall 1981	Fall 1982
Regents	40,748	43,096	43,645	44,323	47,247	48,712	51,094
Independent 4-year	29,571	30,127	30,737	32,808	33,338	33,675	32,622
Independent 2-year	3,040	3,334	3,298	909[1]	798	767	1,979[2]
Area schools	30,784	30,388	30,587	31,261	35,477	37,261	39,005
Bible & Theological Schools	921	985	852	938	812	751	337
Business Schools	1,562		1,926	1,622	1,651	1,853	1,021
Nursing & Professional Schools	1,632	1,525	1,485	1,337	1,243	1,317	1,423
Grand Total	108,258	111,381	112,226	113,227	120,728	124,550	127,481

[1]American Institute of Business was reclassified from a business school to an independent 2-year.
[2]Ottumwa Heights College and Palmer Junior College were merged with the Area Community College.
Source: Data Digest on Iowa Post secondary Institutions, 1982-83, College Aid Commission.

area schools, an Iowa "success story"



Iowa's area colleges provide an exceptionally wide variety of opportunities. Programs are offered through the adult education division and college parallel division.

The growth of the area colleges has been impressive. In the 1965-66 school year, there were only 25 different occupational programs available. This number has increased to 163 different full-time preparatory career programs during the fall of the 1983-84 school year.

area college enrollment fall term shows state-wide impact

	Career Education		Career Option		College Parallel		Other Programs		Agricultural Production for Veterans		Secondary School Programs		Total Enrollments	
	Fall 1982	Fall 1983	Fall 1982	Fall 1983	Fall 1982	Fall 1983	Fall 1982	Fall 1983	Fall 1982	Fall 198	Fall 1982	Fall 1983	Fall 1982	Fall 1983
XI Des Moines Area Community College-Ankeny, Boone, Carroll	3057	2799	591	636	3566	4309			19	19	95	91	7328	7854
IX Eastern Iowa Community College District-Bettendorf, Clinton Davenport (Palmer Jr. College), Muscatine	1614	1877		51	2679	2658					91	77	4384	4663
VII Hawkeye Institute of Technology-Waterloo	1946	1930											1946	1930
XV Indian Hills Community College-Centerville, Ottumwa, Ottumwa Heights	1175	1216			930	1183			13		28	41	2146	2440
V Iowa Central Community College-Eagle Grove, Fort Dodge, Webster City	904	941	386	349	1023	1058			41	21	426	456	2780	2825
III Iowa Lakes Community College-Emmetsburg, Estherville	814	752	409	403	538	501					66	57	1827	1713
VI Iowa Valley Community College District-Ellsworth, Marshalltown	615	531	271	298	1511	1551							2397	2380
XIII Iowa Western Community College-Clarinda, Council Bluffs	1160	1135	107	102	1662	1750					383	310	3312	3297
X Kirkwood Community College-Cedar Rapids	2669	2795	455	546	2793	2995					368	297	6285	6633
II North Iowa Area Community College-Mason City	668	609	183	108	1357	1572							2208	2289
I Northeast Iowa Area One Vocational-Technical School-Calmar, Peosta	1102	1226							19		52	22	1173	1248
IV Northwest Iowa Technical College-Sheldon	475	466									20	28	495	494
XVI Southeastern Community College-Burlington, Keokuk	726	742	23	22	1227	1161		15			15	15	1991	1955
XIV Southwestern Community College-Creston	302	290			357	368					58	45	717	703
XII Western Iowa Technical Community College-Sioux City	1461	1409					238						1699	1409
TOTAL	18,688	18,718	2,425	2,515	17,643	19,106	238	15	92	40	1,602	1,439	40,688	41,833

Source: Iowa College and University Enrollment Fall 1983, prepared by W.A. Cox, University of Iowa

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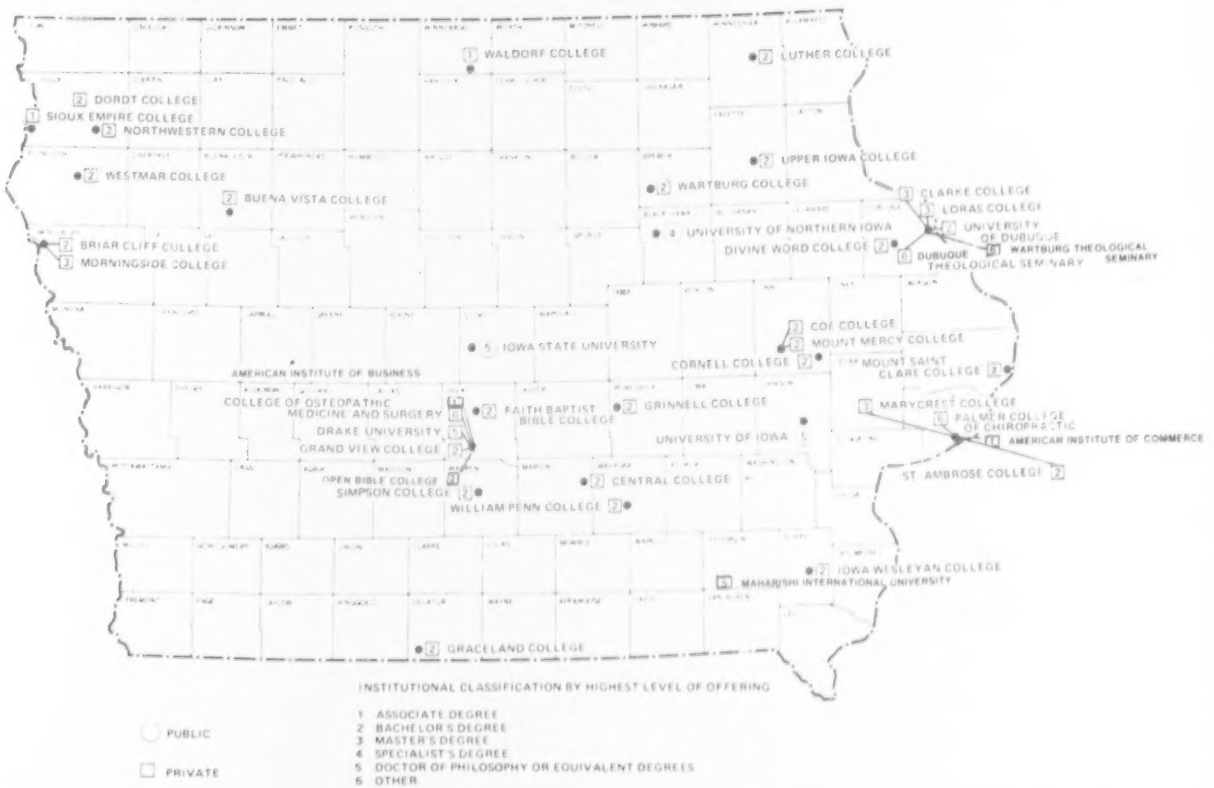
COLLEGES AND UNIVERSITIES...

Iowa's colleges and universities have been a continuous source of both management-level personnel and industrial scientists. In addition, many employees are using the state's educational facilities to improve their value by working toward advanced degrees.

Iowa's colleges and universities



higher education in the midwest

State	1979-80 Total Degrees	1979-80 Bachelor's Degrees	1979-80 Advanced Degrees*	1980-81 Total Degrees	1980-81 Bachelor's Degrees	1980-81 Advanced Degrees*
United States	1,330,244	929,417	400,827	1,335,793	935,140	400,653
Illinois	66,889	44,187	22,702	67,407	44,470	22,937
Iowa	18,302	13,511	4,791	19,096	14,441	4,655
Kansas	15,863	11,706	4,157	15,814	11,672	4,142
Minnesota	23,860	18,634	5,226	24,848	19,392	5,456
Missouri	32,329	21,804	10,525	32,404	22,041	10,363
South Dakota	4,171	3,948	765	4,612	3,868	744
Nebraska	10,239	7,553	2,686	10,073	7,404	2,669
Wisconsin	28,824	21,807	7,017	28,907	22,026	6,881

*Includes master's, doctor's, and first-professional degrees.
Source: The Condition of Education — 1983 Edition, National Center for Education, U.S. Department of Education

freshman enrollment in institutions of higher learning, Iowa

Type of Institution	Fall 1960	1965	1970r	1975	1980	1981	1982	1983
State Institutions	5,253	7,708	8,170	8,367	9,825	9,961	10,276	10,032
Private Colleges and Universities	7,683	9,734	8,921	7,668	8,478	8,154	7,462	7,906
Area Schools	1,852	5,776	12,082	12,996	17,266	17,999	18,500	18,004
Private Junior Colleges	1,099	1,581	1,802	1,257	393	358	400	250*
ALL INSTITUTIONS	15,887	24,799	30,975	30,288	35,962	36,472	36,638	36,192

r = revised
* = Sioux Empire College figures not available
Source: Iowa College Aid Commission

Number of persons 25 years and over by years of school completed, 1980

State	Elementary 0-8 years	High School 1-3 years	High School 4 years	College 1-3 years	College 4 years or more
United States	24,257,683	20,277,683	45,947,035	20,794,975	21,558,480
Illinois	1,235,826	1,001,414	2,343,719	1,015,515	1,082,285
IOWA	283,918	200,038	529,369	249,722	237,055
Kansas	203,355	166,880	543,823	237,617	236,427
Minnesota	391,854	240,294	904,382	401,890	407,281
Missouri	634,211	430,386	1,059,240	389,304	405,515
Nebraska	137,561	105,055	370,302	157,693	141,542
South Dakota	85,894	39,072	141,375	68,936	54,624
Wisconsin	485,923	336,370	1,093,496	388,523	401,076

Source: 1980 Census of Population, U.S. Department of Commerce, Bureau of the Census

Estimated average salaries of all teachers in public schools

	1966-67	1970-71	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
Iowa	$6,396	$9,103	$11,700r	$12,533r	$13,349r	$14,186r	$15,203r	$16,961r	$18,270r	$19,257
United States	6,830	9,269	12,600	13,297	14,247	15,040	16,001	17,590	19,064	20,603

r = revised
Source: National Education Association, Research Division, Iowa Department of Public Instruction

Number of public and nonpublic Iowa high school graduates, by sex: 1979-80

Public High School Graduates			Nonpublic High School Graduates		
Total	Boys	Girls	Total	Church Related	Not Church Related
43,445	21,365	22,080	3,837	3,818	19

Estimated expenditures for Iowa public elementary and secondary education: 1980-81

(In Thousands of Dollars)

Current Expenditures			
Total Expenditures	Public Elementary and Secondary Day Schools	Capital Outlay	Interest on School Debt
$1,396,925	$1,276,645	$100,537	$19,743

Source: U.S. Department of Health, Education and Welfare, Digest of Educational Statistics — 1981 Edition

Iowa school enrollment 1982-83

(Primary and Secondary Education)

County Name	K-6	7-9	10-12	Special Education	Total	Non-Public Enrollment	Total Enrollment All Schools
Adair	641	299	307	11	1,258	—	1,258
Adams	439	164	216	16	835	—	835
Allamakee	1,415	772	835	63	3,085	215	3,300
Appanoose	1,359	638	605	34	2,636	113	2,749
Audubon	658	323	397	9	1,387	—	1,387
Benton	2,206	1,102	1,134	92	4,534	130	4,664
Black Hawk	10,774	4,700	4,795	845	21,114	3,720	24,834
Boone	2,007	941	967	73	3,988	268	4,256
Bremer	3,023	1,622	1,576	52	6,273	325	6,598
Buchanan	1,749	839	861	68	3,517	446	3,963
Buena Vista	1,610	695	691	73	3,069	364	3,433
Butler	1,547	747	748	13	3,055	—	3,055
Calhoun	1,325	648	666	20	2,659	—	2,659
Carroll	1,429	626	676	68	2,799	2,226	5,025
Cass	1,716	773	808	50	3,347	—	3,347
Cedar	1,871	886	1,008	34	3,799	—	3,799
Cerro Gordo	3,680	1,604	1,617	257	7,158	707	7,865
Cherokee	1,571	682	723	49	3,025	—	3,025
Chickasaw	1,285	661	801	24	2,771	220	2,991
Clarke	868	404	331	40	1,643	—	1,643
Clay	1,679	802	804	54	3,339	195	3,534
Clayton	2,048	887	1,000	71	4,006	184	4,190
Clinton	5,132	2,488	2,651	341	10,612	950	11,562
Crawford	1,875	846	948	51	3,720	417	4,137
Dallas	3,112	1,514	1,384	137	6,147	219	6,336
Davis	828	369	353	23	1,573	—	1,573
Decatur	849	410	392	4	1,665	—	1,655
Delaware	1,632	881	982	104	3,599	260	3,859
Des Moines	4,039	1,892	1,838	222	7,991	443	8,434
Dickinson	1,481	665	642	8	2,796	—	2,796
Dubuque	5,838	3,014	3,902	616	13,370	8,019	21,389
Emmet	1,345	566	608	38	2,557	—	2,557
Fayette	2,431	1,260	1,421	144	5,256	331	5,587
Floyd	1,709	903	1,004	103	3,719	279	3,998
Franklin	918	413	459	33	1,823	41	1,864
Fremont	963	401	372	16	1,752	—	1,752
Greene	997	500	534	43	2,074	—	2,074
Grundy	1,343	678	678	17	2,716	67	2,783
Guthrie	1,416	636	642	31	2,725	—	2,725
Hamilton	1,630	811	792	70	3,303	100	3,403
Hancock	1,299	537	592	15	2,443	66	2,509
Hardin	2,198	1,036	1,138	80	4,452	—	4,452
Harrison	1,644	792	819	51	3,306	57	3,363
Henry	1,897	857	822	69	3,645	—	3,645
Howard	1,035	549	657	43	2,284	291	2,575
Humboldt	1,005	517	566	36	2,124	120	2,244
Ida	767	302	373	20	1,462	—	1,462
Iowa	1,291	686	820	30	2,827	213	3,040
Jackson	1,991	971	1,131	112	4,205	634	4,839
Jasper	3,349	1,525	1,593	123	6,590	213	6,803
Jefferson	1,210	528	571	40	2,349	104	2,453

school enrollment

(continued)

County Name	K-6	7-9	10-12	Special Education	Total	Non-Public Enrollment	Total Enrollment All Schools
Johnson	5,299	2,411	2,437	210	10,357	604	10,961
Jones	1,682	929	966	60	3,637	268	3,905
Keokuk	1,152	536	657	13	2,358	102	2,460
Kossuth	1,432	644	715	92	2,883	1,328	4,211
Lee	3,302	1,580	1,622	267	6,771	1,326	8,097
Linn	15,072	7,429	7,683	1,207	31,391	3,309	34,700
Louisa	1,481	701	694	11	2,887	—	2,887
Lucas	893	434	398	8	1,733	—	1,733
Lyon	1,117	544	548	31	2,300	187	2,487
Madison	1,474	648	628	60	2,810	—	2,810
Mahaska	1,738	747	718	62	3,265	203	3,468
Marion	2,765	1,286	1,241	93	5,385	748	6,133
Marshall	3,534	1,831	1,827	281	7,473	396	7,869
Mills	1,468	635	513	20	2,636	—	2,636
Mitchell	894	417	556	29	1,896	250	2,146
Monona	1,012	468	488	39	2,007	93	2,100
Monroe	755	334	351	58	1,498	—	1,498
Montgomery	1,210	523	481	27	2,241	—	2,241
Muscatine	4,019	1,853	1,671	232	7,775	261	8,036
O'Brien	1,389	672	742	45	2,848	530	3,378
Osceola	492	240	246	34	1,012	114	1,126
Page	1,747	706	679	56	3,188	100	3,288
Palo Alto	1,050	489	643	38	2,220	259	2,479
Plymouth	2,030	939	974	50	3,993	1,096	5,089
Pocahontas	882	446	538	28	1,914	154	2,068
Polk	26,033	12,624	11,572	1,605	51,834	5,552	57,386
Pottawattamie	8,606	3,834	3,507	596	16,543	890	17,433
Poweshiek	1,643	802	798	63	3,306	—	3,306
Ringgold	585	256	249	—	1,090	—	1,090
Sac	1,257	578	619	30	2,484	79	2,563
Scott	15,423	7,203	7,374	783	30,783	2,820	33,603
Shelby	1,150	657	784	59	2,650	399	3,049
Sioux	1,883	861	947	50	3,741	2,380	6,121
Story	4,882	2,341	2,186	206	9,615	190	9,805
Tama	1,763	896	893	126	3,678	—	3,678
Taylor	801	329	367	21	1,518	—	1,518
Union	1,359	550	613	46	2,568	119	2,687
Van Buren	804	374	359	33	1,570	—	1,570
Wapello	3,730	1,717	1,614	310	7,371	95	7,466
Warren	3,697	1,715	1,569	146	7,127	—	7,127
Washington	1,764	853	869	62	3,548	261	3,809
Wayne	738	302	339	17	1,396	—	1,396
Webster	3,241	1,449	1,594	323	6,607	1,329	7,936
Winnebago	1,417	653	657	16	2,737	9	2,746
Winneshiek	1,206	600	865	33	2,704	532	3,236
Woodbury	8,964	3,639	3,706	753	17,062	2,815	19,877
Worth	694	335	332	—	1,351	—	1,351
Wright	1,562	682	702	37	2,983	—	2,783
State	251,269	118,074	120,771	13,002	503,116	50,735	553,851

K=Kindergarten
Source: Iowa Department of Public Instruction

Iowa's public libraries serve the state

Number of Public Libraries	Size of Community Served
8	Over 50,000
9	25,000-49,999
12	10,000-24,999
36	5,000-9,999
52	2,500-4,999
141	1,000-2,499
138	500-999
111	Under 500
4	Counties
Total 511	

	1981	%	1982	%
Sources of Funds				
Municipalities	$20,306,460	71.58	$17,484,656	70.58
Counties	3,129,090	11.03	2,970,261	11.99
Federal Revenue Sharing	468,987	1.65	658,957	2.66
Other Federal Programs	312,058	1.10	37,159	.15
Misc. Sources	2,295,044	8.09	2,046,234	8.26
Total Sources of Funds	$28,368,902		$24,772,820	
Uses of Funds				
Personnel	$10,831,193	31.18	$12,157,101	49.07
Library Materials	3,925,400	13.84	4,296,195	17.34
Plant Operation	2,358,099	8.31	2,841,765	11.47
All Other Costs	11,254,170	39.67	5,477,759	22.11
Total Uses of Funds	$28,368,862		$24,772,820	

	1981	1982
Acquisitions:		
book titles	514,929	546,648
audio-visual titles	25,332	21,383
microforms/other	56,647	53,160
Holdings:		
book titles	7,945,442	8,030,242
periodical subscriptions	23,696	24,260
audio-visual titles	235,824	243,215
microforms	470,755	547,116
Circulation:		
print materials	14,980,907	16,456,342
non-print materials	708,157	762,749
statewide circulation per capita	8.37	9.15

	1981	1982
Patron subject requests answered	1,244,531	1,435,250
Employment:		
persons with Master of Library Science degree**	198	195
persons with bachelor's degree	186	200
persons with less than bachelor's degree	528	552

** = or equivalent media degree
Sources: State Library of Iowa, Office of Library Development

deposits, loans, midwest (millions)

Total Gross Loans and Federal Funds Sold	1970	1975	1977	1979	1980	1981	1982
Iowa	$ 3,848	$ 7,437	$ 9,990	$ 12,404	$ 13,136	$ 13,756	$ 14,151
Illinois	22,023	43,015	50,525	62,937	84,317	78,412	98,704
Kansas	2,835	5,490	7,480	8,012	9,661	10,686	11,287
Minnesota	5,629	10,127	12,843	15,921	18,699	19,000	23,060
Missouri	6,909	11,304	15,219	16,367	20,442	22,206	24,142
Nebraska	2,166	4,103	5,450	5,945	7,190	8,070	8,525
S. Dakota	923	1,828	2,418	2,901	3,172	5,619	6,224
Wisconsin	6,869	10,207	13,479	15,096	16,708	17,288	18,232
Total Midwest	51,202	93,511	117,404	139,583	173,325	175,037	204,325
Total Deposits							
Iowa	$ 6,634	$ 11,799	$ 14,224	$ 17,025	$ 18,492	$ 19,754	$ 21,523
Illinois	34,548	59,446	68,836	77,042	109,218	89,205	124,168
Kansas	5,017	8,791	10,803	13,164	14,077	15,184	16,549
Minnesota	9,139	14,739	18,028	21,916	25,485	25,281	30,028
Missouri	11,456	17,260	21,286	25,367	27,388	29,218	31,947
Nebraska	3,606	6,251	7,394	8,962	9,583	10,491	11,429
S. Dakota	1,571	2,914	3,442	4,184	4,535	6,540	6,703
Wisconsin	9,682	15,008	18,538	20,798	22,058	22,632	24,732
Total Midwest	81,653	136,208	162,551	188,458	230,836	189,087	267,079
Mortgage Loans and Contracts							
Iowa	$ 1,691	$ 3,494	$ 4,778	$ 5,764	$ 5,939	$ 5,959	$ 5,767.1
Illinois	11,696	20,388	23,267	35,432	36,863	36,808	30,881.8
Kansas	1,884	3,631	4,845	5,976	6,233	6,384	6,156.4
Minnesota	2,907	5,179	6,771	8,280	8,456	8,344	7,033.9
Missouri	3,799	7,288	9,798	12,232	12,675	12,646	12,153.1
Nebraska	1,037	2,425	3,319	4,243	4,498	4,643	4,437.2
S. Dakota	212	454	667	813	857	866	832.2
Wisconsin	3,147	6,091	8,534	10,274	10,585	10,541	9,706.9
Total Midwest	26,373	43,771	66,979	83,014	86,106	86,191	76,968.6

Source: Data Base, F.D.I.C. and Federal Home Loan Bank Boards.

Iowa is a top insurance state, prime source of financing

(dollars in thousands)

	1960	1965	1970	1975	1979	1980	1981	1982
Life Companies								
Number	16	29	29	28	35	35	37	36
Admitted assets	$2,284,785	$ 3,105,280	$ 4,223,141	$ 6,565,897	$11,280,941	$12,836,050	$13,896,780	$15,639,624
Total income	405,093	640,652	961,904	1,754,093	3,307,294	3,602,457	3,977,279	4,719,347
Life premiums	207,030	317,730	466,722	896,234	1,551,227	1,399,880	1,845,073	1,307,196
Accident-health	55,072	109,358	192,334	323,564	611,049	714,887	625,098	931,952
Total disbursements	289,578	444,496	708,793	1,206,172	2,089,661	2,380,849	2,901,238	3,367,046
Direct benefits	136,849	212,267	337,543	534,119	858,449	840,036	820,425	1,357,578
Iowa business in force	1,639,897	2,914,357	4,987,814	5,618,159	12,070,517	1,080,420	14,419,694	15,808,671
Total business in force	8,017,330	13,097,593	22,469,072	40,218,032	70,870,315	93,025,891	89,598,941	102,037,501
Fire, Casualty, Multiple Line Companies								
Number	45	46	41	42	48	49	50	51
Admitted assets	$ 287,551	$ 352,149	$ 561,444	$ 946,412	$2,318,344	$2,530,505	$2,703,771	$ 2,874,998
Total liabilities	181,739	225,681	382,558	655,550	1,644,017	1,713,203	1,822,139	1,898,712
Total premiums	209,573	252,155	421,012	719,164	1,351,826	1,416,334	1,491,154	1,476,736
Total direct losses	114,793	147,199	244,086	402,297	704,754	836,870	832,359	986,886
Net income	9,888	4,682	22,300	597	135,675	154,888	87,217	64,159

Source: Annual Report, Insurance Department, State of Iowa.

insurance business in Iowa

(thousands)

	1960	1965	1970	1975	1979	1980	1981	1982
Life insurance								
Life considerations	$ 159,408	$ 222,335	$ 309,870	$ 434,581	$ 507,649	$ 510,024	$ 571,483	$ 596,750
Direct claims and benefits	45,246	108,378	155,075	188,382	288,883	333,045	300,486	391,022
In force December 31	7,712,277	11,548,791	18,082,838	25,346,285	30,534,029	31,329,457	46,598,920	57,419,043
Accident and Health								
Total premiums	44,818	99,309	164,701	231,070	313,360	340,943	380,508	393,214
Group premiums			100,447	148,272	195,206	228,478	261,683	279,470
Total claims	27,766	66,950	120,896	203,168	211,223	242,179	281,302	304,094
Group claims			88,066	124,931	155,097	189,299	244,752	223,207
Fire, Casualty, Multiple Line								
Total Premiums	210,573	251,676	385,706	652,630	1,192,011	1,368,433	1,271,699	1,263,617
Fire	26,719	23,412	30,442	38,104	47,843	45,235	39,322	44,730
Homeowners	11,416	22,697	35,509	65,556	104,995	114,433	118,341	123,897
Auto liability (BI, PD)	42,716	60,618	89,424	141,975	249,570	260,185	268,298	261,506
Auto physical damage	34,192	41,988	66,195	95,412	195,104	206,670	201,606	203,006
Workmen's compensation	12,747	16,543	27,134	69,048	168,835	191,169	197,048	171,744
Total direct losses	110,780	136,127	203,300	342,009	609,059	753,361	687,528	655,021
Fire	10,435	10,853	14,079	15,028	17,805	20,547	17,449	17,836
Homeowners	4,651	12,803	19,542	30,457	65,110	104,986	64,647	65,989
Auto liability (BI, PD)	23,535	36,502	57,240	88,941	134,682	128,602	143,631	157,108
Auto physical damage	18,021	23,121	39,406	72,796	116,344	142,572	117,899	122,082
Workmen's compensation	7,478	9,525	15,198	30,700	70,199	79,751	87,231	92,920

Source: Annual Report, Insurance Department, State of Iowa.

financial institutions encourage business growth

Iowa insured commercial banks
(dollars in millions)

	1967	1970	1973	1976	1979	1980	1981
Number of banks	662	658	661	652	657	657	655
Total assets	$5,235	$7,455	$10,980	$14,606	$19,697	$21,734	$23,765
Demand deposits	2,405	3,124	3,996	4,249	5,180	5,000	4,026
Time deposits	2,295	3,510	5,554	8,786	11,845	13,47o	15,729
Total deposits	4,700	6,634	9,549	13,035	17,025	18,475	19,755
Securities	1,693	2,363	3,927	4,342	4,711	6,006	7,214
Cash, bank balances	717	1,104	1,317	N/A	N/A	N/A	N/A

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1967-1982

Iowa savings and loan associations
(dollars in millions)

	1967	1970	1973	1976	1978	1979	1980
Number of associations	91	83	88	79	78	78	74
Total assets	$1,588	$1,966	$3,039	$4,813	$6,320	$6,815	$7,169
First mortgage loans	1,328	1,691	2,599	4,072	5,367	5,743	5,927
Savings capital	1,416	1,691	2,643	4,181	5,325	5,704	6,078

Source: U.S. Department of Commerce, Statistical Abstract of the U.S., 1967-1982

Iowa chattel or small loan companies

	1967	1970	1973	1975	1978	1979	1980	1981	1982
Number of offices	379	358	347	317	294	292	262	180	171
Number of accounts	122,559	107,991	86,056	71,690	55,684	49,169	52,388	49,665	37,285
Loans made during year ($000)	61,762	53,724	41,547	35,086	32,245	29,350	39,691	30,625	25,981
Loans charged off during year ($000)	1,246	1,783	1,728	1,876	1,286	1,270	7,917	3,666	1,791
Total gross loans pending ($000)	48,628	47,974	39,984	32,921	25,587	25,017	33,323	33,264	33,422

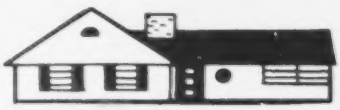
Source: State of Iowa, Annual Report of the Superintendent of Banking

Iowa state chartered credit unions
(dollars in thousands)

	1967	1970	1973	1976	1979	1980	1981	1982
Number (on Jan. 1)	401	426	405	427	391	381	364	348
Total assets ($000)	157,662	205,599	279,729	431,447	623,046	660,560	722,880	842,439
Loans ($000)	117,422	150,265	208,834	353,852	508,103	479,044	488,107	483,817
Shares and deposits ($000)	140,127	181,393	246,133	357,118	547,852	591,158	640,754	750,489

Source: State of Iowa, Annual Report of the Credit Union Department

housing units Iowa places of 2500 or more inhabitants, 1980



Units	All Housing Units	Total Year-Round Housing Housing Units	Owner Occupied Number	Owner-Median Value (Dollars)
Iowa	1,121,314	1,053,033	756,517	40,600
Urban	669,820	634,153	432,103	42,600
Rural	451,494	418,880	324,414	35,100
Inside SMSA's	442,907	420,658	288,607	46,500
In Central Cities	266,477	264,634	172,148	44,500
Not in Central Cities	95,433	93,322	65,700	51,300
Outside SMSA's	678,407	632,375	467,910	35,900
Standard Metropolitan Statistical Areas				
Cedar Rapids	64,778	61,700	44,025	46,600
Davenport-Rock Island-Moline, Iowa-Ill	144,928	138,256	95,961	48,300
Des Moines	134,313	126,330	85,918	48,500
Dubuque	31,506	30,021	21,655	48,600
Iowa City	31,583	30,220	16,335	58,400
Omaha, Neb.-Iowa	215,747	203,235	131,667	39,500
Sioux City	45,151	42,348	30,058	35,900
Waterloo	50,290	48,205	34,441	46,400
Places of 2,500 Inhabitants or More				
Adel	1,208	1,077	842	46,600
Albia	1,900	1,778	1,269	28,100
Algona	2,512	2,382	1,703	44,900
Altoona	1,964	1,872	1,361	56,300
Ames	14,809	14,015	6,573	62,000
Anamosa	1,654	1,559	1,082	38,800
Ankeny	5,611	5,258	3,308	60,000
Atlantic	3,353	3,141	2,232	37,700
Audubon	1,230	1,165	946	36,100
Belle Plaine	1,303	1,222	919	24,700
Belmond	1,060	1,015	753	40,100
Bettendorf	9,668	9,333	6,927	60,700
Bloomfield	2,849	1,201	861	32,800
Boone	5,316	5,005	3,580	37,200
Burlington	12,090	11,325	7,979	35,000
Camanche	1,654	1,603	1,279	44,900
Carlisle	1,092	1,040	832	52,000
Carroll	3,545	3,398	2,442	46,500
Carter Lake	1,127	1,074	949	27,000
Cedar Falls	12,189	11,712	7,890	54,500
Cedar Rapids	43,532	41,662	28,357	45,400
Centerville	945	2,708	1,809	24,100
Chariton	2,345	2,169	1,542	30,300
Charles City	3,576	3,401	2,538	36,500
Cherokee	2,863	2,689	1,823	34,800
Clarinda	2,285	2,094	1,432	33,600
Clear Lake	3,731	2,949	2,128	47,100
Clinton	12,895	12,261	8,722	36,600
Clive	2,342	2,195	1,229	85,700
Coralville	3,672	3,491	1,161	56,200
Council Bluffs	21,949	20,872	14,233	30,100
Cresco	1,646	1,576	1,240	32,400
Creston	3,642	3,403	2,473	30,900
Davenport	40,294	38,024	23,684	47,900
Decorah	2,653	2,558	1,602	45,000
Denison	2,568	2,429	1,749	43,200
Des Moines	79,913	75,249	48,432	41,700
De Witt	1,789	1,707	1,226	48,600
Dubuque	22,160	21,107	14,132	47,500
Dyersville	1,334	1,295	1,057	47,000
Eagle Grove	1,736	1,614	1,183	32,900
Eldora	1,340	1,239	932	36,400
Eldridge	1,034	976	697	62,300
Emmetsburg	1,805	1,665	1,216	36,200
Estherville	3,075	2,854	2,112	36,300
Evansdale	1,669	1,622	1,328	36,800
Fairfield	3,455	3,311	2,313	35,000
Forest City	1,694	1,538	1,143	38,400
Fort Dodge	11,636	11,120	7,410	40,700
Fort Madison	5,328	5,043	3,536	33,600
Garner	1,063	1,015	848	42,600
Glenwood	1,759	1,662	1,153	38,700
Grinnell	3,279	3,119	2,067	43,600
Grundy Center	1,185	1,134	913	42,600
Hampton	2,016	1,854	1,349	37,100
Harlan	2,212	2,075	1,542	38,100
Hawarden	1,120	1,053	814	31,100
Hiawatha	1,989	1,895	1,249	50,500
Humboldt	2,024	1,904	1,408	44,200
Independence	2,463	2,354	1,726	38,000
Indianola	4,104	3,880	2,579	51,700
Iowa City	19,235	18,594	8,773	58,600
Iowa Falls	2,444	2,318	1,639	38,500
Jefferson	2,024	1,921	1,502	37,100
Johnston	1,013	857	647	60,400
Keokuk	5,667	5,224	3,674	28,300
Knoxville	3,141	2,977	2,126	36,800
Lamoni	850	779	529	32,800
LeClaire	1,035	994	791	48,100
LeMars	3,095	2,961	2,045	45,100
Manchester	2,045	1,942	1,424	39,900
Maquoketa	2,655	2,504	1,751	40,100
Marion	7,194	6,863	5,215	49,500
Marshalltown	10,771	10,244	7,083	41,700
Mason City	12,617	11,884	8,293	39,300
Missouri Valley	1,321	1,232	865	27,400
Monticello	1,492	1,425	1,077	39,700
Mount Pleasant	2,823	2,611	1,816	41,800
Mount Vernon	1,006	937	668	46,000
Muscatine	8,975	8,517	6,050	42,300
Nevada	2,402	2,230	1,651	45,900
New Hampton	1,588	1,511	1,136	44,100
Newton	6,471	6,143	4,340	37,900
Norwalk	861	835	649	51,900
Oelwein	3,069	2,890	2,268	34,700
Onawa	1,396	1,315	1,008	30,200
Orange City	1,529	1,456	1,153	46,500
Osage	1,610	1,527	1,206	34,300
Osceola	1,806	1,657	1,199	30,600
Oskaloosa	4,777	4,458	3,011	32,300
Ottumwa	11,459	10,914	8,269	26,000
Pella	3,070	2,919	2,041	48,300
Perry	2,980	2,764	1,929	34,300
Pleasant Hill	1,182	1,088	921	58,100
Red Oak	3,021	2,819	2,019	34,500
Rock Rapids	1,182	1,099	841	36,900
Rock Valley	994	949	755	38,000
Sac City	1,284	1,212	888	32,400
Sheldon	5,003	1,846	1,370	39,100
Shenandoah	2,834	2,616	1,681	30,200
Sibley	1,234	1,171	932	34,500
Sioux Center	1,470	1,420	1,071	47,800
Sioux City	32,007	30,098	21,139	35,800
Spencer	4,803	4,550	3,043	45,000
Spirit Lake	1,717	1,537	1,103	43,700
Storm Lake	3,363	3,243	2,221	43,400
Story City	1,137	1,074	771	48,000
Tama	1,194	1,119	861	28,200
Tipton	1,317	1,255	900	41,700
Urbandale	6,904	6,412	4,420	68,600
Vinton	2,157	1,991	1,472	36,200
Washington	2,772	2,618	1,908	36,200
Waterloo	29,545	28,349	19,847	43,700
Waukon	1,654	1,558	1,180	34,800
Waverly	2,985	2,895	2,055	50,400
Webster City	3,433	3,243	2,392	40,300
West Burlington	1,466	1,409	988	38,800
West Des Moines	8,927	8,312	5,410	66,100
West Liberty	1,042	990	726	42,800
West Union	1,118	1,074	821	36,000
Wilton	963	910	660	47,300
Windsor Heights	2,217	2,159	1,709	69,000
Winterset	1,732	1,638	1,173	36,300

Source: General Housing Characteristics, 1980 Census of Housing, Bureau of the Census.

median value of housing units, midwest

State	Occupied Housing Units: Total Housing Units	Owner Occupied: Total	Owner Occupied: Median Value (Dollars)	Owner Occupied: Vacancy Rate	Renter Occupied: Total	Renter Occupied: Median Contract Rent (Dollars)	Renter Occupied: Vacancy Rate
Illinois	4,316,973	2,531,697	52,800	1.8	1,511,047	201	6.9
Indiana	2,091,725	1,381,969	37,200	1.6	545,009	166	8.5
IOWA	1,121,314	756,517	40,600	1.6	296,466	175	7.3
Kansas	954,906	612,435	37,800	2.3	259,804	168	9.2
Minnesota	1,613,342	1,036,029	53,100	1.5	409,587	212	5.8
Missouri	1,989,259	1,249,034	36,700	2.0	544,686	153	9.0
Nebraska	624,829	390,931	38,000	2.0	180,469	170	7.9
North Dakota	258,772	156,498	43,900	2.6	71,166	175	8.9
Ohio	4,107,983	2,622,880	44,900	1.5	1,210,826	167	7.7
South Dakota	276,997	168,002	36,600	2.1	74,521	148	10.1
Wisconsin	1,863,981	1,127,419	48,600	1.3	524,935	185	5.0

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

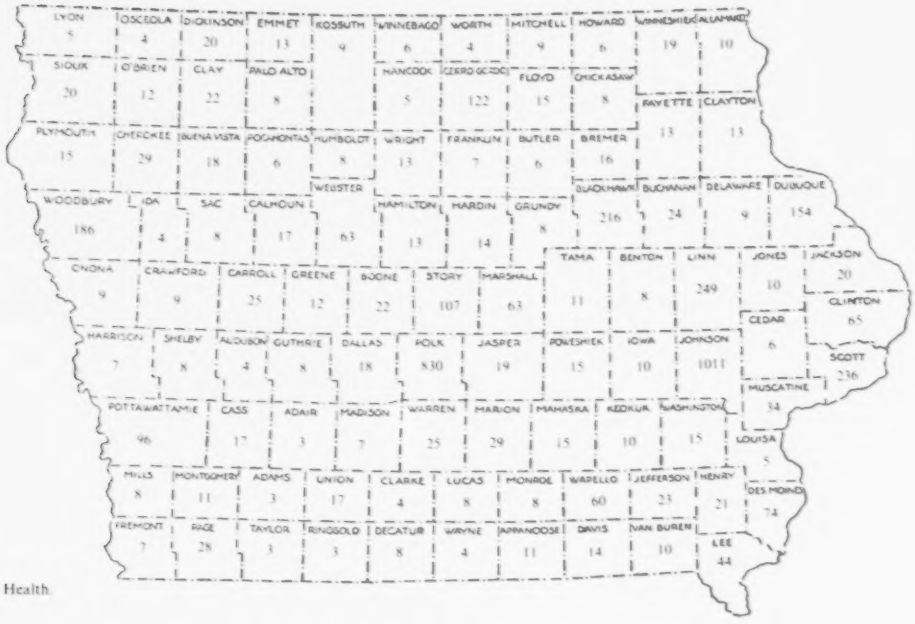
housing units by county, 1980

Counties	Occupied Housing Units: Total Housing Units	Owner Occupied: Total	Owner Occupied: Median Value (Dollars)	Renter Occupied: Total	Renter Occupied: Median Contract Rent (Dollars)
Iowa	1,121,314	756,517	40,600	296,466	175
Adair	3,963	2,753	27,800	862	104
Adams	2,478	1,703	23,500	513	104
Allamakee	6,578	4,011	32,900	1,204	119
Appanoose	6,706	4,565	21,200	1,446	112
Audubon	3,524	2,458	31,100	734	109
Benton	9,090	6,523	34,700	2,038	147
Black Hawk	50,290	34,441	46,400	13,764	205
Boone	10,427	7,208	37,700	2,523	155
Bremer	8,811	6,585	46,900	1,869	161
Buchanan	8,222	5,982	37,000	1,690	146
Buena Vista	8,198	5,461	38,900	2,212	138
Butler	6,779	5,037	34,900	1,319	124
Calhoun	5,782	3,766	29,500	1,347	123
Carroll	8,379	5,816	38,900	2,053	156
Cass	7,025	4,748	31,600	1,776	123
Cedar	7,312	4,918	42,000	1,853	152
Carro Gordo	20,931	13,391	40,600	5,303	168
Cherokee	6,475	4,261	34,100	1,738	122
Chickasaw	5,701	4,244	39,300	1,115	137
Clarke	3,715	2,554	28,900	802	140
Clay	8,043	5,093	42,000	2,284	166
Clayton	8,557	5,673	32,300	1,814	119
Clinton	21,370	14,970	39,100	5,375	182
Crawford	7,094	4,982	34,800	1,679	151
Dallas	11,555	8,077	42,700	2,611	155
Davis	3,579	2,564	28,400	714	116
Decatur	3,974	2,565	21,100	893	103
Delaware	6,542	4,839	37,700	1,380	130
Des Moines	18,567	12,746	37,500	4,604	157
Dickinson	10,187	4,604	43,800	1,429	154
Dubuque	31,506	21,655	48,600	8,366	176
Emmet	5,268	3,556	35,100	1,288	150
Fayette	9,721	7,112	32,400	1,981	126
Floyd	7,587	5,485	36,700	1,599	137
Franklin	5,421	3,632	35,000	1,378	151
Fremont	4,016	2,568	25,100	1,020	109
Greene	5,020	3,385	29,300	1,297	120
Grundy	5,480	3,934	42,000	1,294	151
Guthrie	5,287	3,458	26,600	1,114	108
Hamilton	7,144	4,834	37,600	1,789	148
Hancock	5,410	3,766	36,100	1,236	142
Hardin	8,799	6,023	35,000	2,138	147
Harrison	6,357	4,406	26,800	1,551	108
Henry	7,241	5,120	37,300	1,587	149
Howard	4,271	3,159	29,300	853	109
Humboldt	5,017	3,411	37,400	1,209	146
Ida	3,634	2,436	30,300	933	109
Iowa	5,872	4,253	35,200	1,345	148
Jackson	8,564	5,784	38,600	1,848	134
Jasper	14,447	10,140	37,700	3,424	152
Jefferson	6,034	4,239	33,300	1,477	136
Johnson	31,583	16,335	58,400	13,885	212
Jones	7,349	5,234	35,600	1,697	128
Keokuk	5,398	3,899	21,500	985	108
Kossuth	8,243	5,639	37,600	2,167	136
Lee	16,684	11,673	33,800	3,945	158
Linn	64,778	44,025	46,600	17,745	208
Louisa	4,828	3,274	35,700	944	140
Lucas	4,503	3,085	28,200	960	109
Lyon	4,776	3,385	32,700	1,103	108
Madison	4,967	3,494	36,000	1,081	123
Mahaska	9,151	6,085	32,400	2,362	151
Marion	11,021	7,743	39,600	2,579	165
Marshall	16,338	11,005	40,500	4,405	177
Mills	4,832	3,422	35,300	1,115	146
Mitchell	4,735	3,547	31,900	885	119
Monona	4,877	3,321	25,800	1,147	101
Monroe	3,822	2,719	26,700	791	116
Montgomery	5,800	3,851	30,900	1,419	128
Muscatine	15,245	10,449	43,400	3,765	178
O'Brien	6,659	4,770	34,400	1,484	121
Osceola	3,266	2,299	29,700	751	126
Page	8,073	5,041	30,000	2,276	119
Palo Alto	5,244	3,352	31,700	1,272	138
Plymouth	8,860	6,203	40,900	2,222	145
Pocahontas	4,661	3,086	29,200	1,184	118
Polk	122,136	76,856	48,100	37,961	229
Pottawattamie	32,395	22,197	32,300	8,584	170
Poweshiek	8,075	4,886	37,300	1,979	153
Ringgold	2,975	1,871	20,100	538	105
Sac	6,073	3,918	30,200	1,435	110
Scott	59,764	38,028	51,700	18,649	226
Shelby	5,611	3,831	33,800	1,387	118
Sioux	10,414	7,788	40,000	2,127	123
Story	25,154	13,812	55,100	9,853	208
Tama	7,716	5,423	32,400	1,663	124
Taylor	3,682	2,505	21,200	779	100
Union	5,748	3,973	28,400	1,341	130
Van Buren	3,484	2,570	19,600	625	100
Wapello	16,350	12,039	25,900	3,397	151
Warren	12,177	9,062	51,300	2,451	185
Washington	7,693	5,400	37,000	1,813	145
Wayne	3,852	2,585	19,900	730	100
Webster	17,799	11,855	39,500	5,031	162
Winnebago	5,251	3,623	36,200	1,222	129
Winneshiek	7,420	5,160	38,800	1,903	144
Woodbury	39,022	25,993	35,600	10,639	170
Worth	3,724	2,686	33,300	766	119
Wright	6,945	4,490	34,500	1,735	126

Source: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Housing, "Selected Housing Characteristics, by States and Counties."

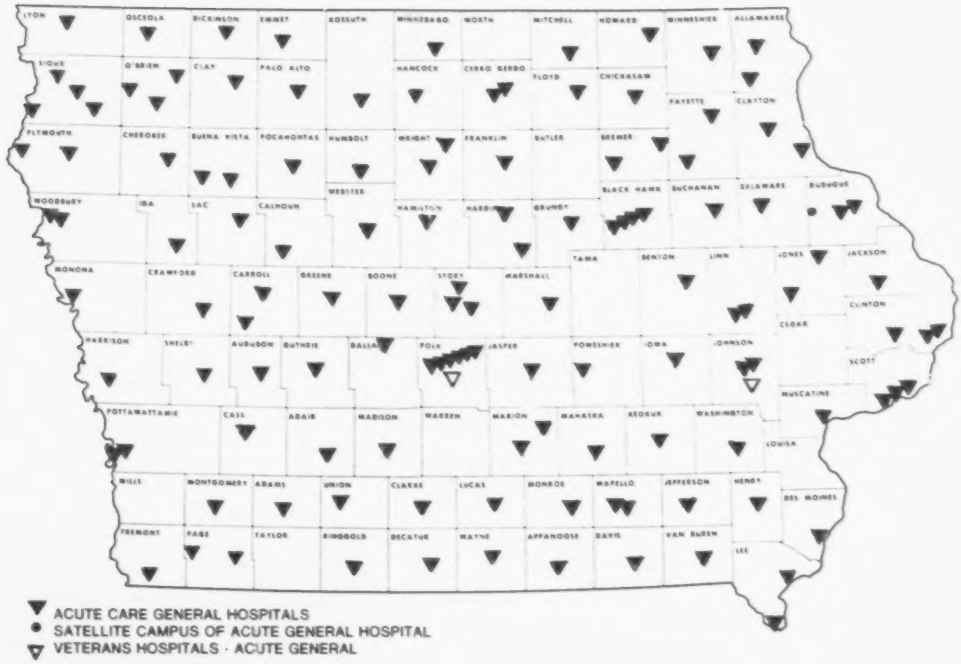
Iowans have ready access to health care

NUMBER OF PHYSICIANS (M.D.'s and D.O.'s) BY COUNTY, 1983



Source: Iowa Department of Health.

IOWA HOSPITALS



Source: Iowa State Department of Health, Office for Health Planning & Development.

BEST AVAILABLE COPY

discharges in IOWA hospitals, by disease code per 10,000 population[1] 1977

Condition	00-14		15-44		45-64		65+		ALL AGES	
	Value	Rank	Value	Rank	Value	Rank	Value	Rank	Value	Rank
Infective/Parasitic	63.5	4	50.1	12	35.1	21	81.1	17	54.3	13
Malignant Neoplasms	6.3	17	17.8	22	133.1	5	347.5	2	80.2	8
Benign/Unspec. Neoplasms	5.6	19	33.5	15	52.0	15	44.0	25	31.8	23
Diabetes Mellitus	4.3	22	11.8	26	35.4	20	73.4	19	22.5	27
Other Endo., Nutr., Metabol.	5.9	18	8.7	28	17.8	29	19.9	29	11.3	31
Mental/Personality	24.6	11	110.6	5	116.0	7	94.7	14	88.8	6
Eye/Visual Impairment	17.0	13	7.9	29	37.2	18	149.6	10	34.1	21
Nervous/Sense Organs	42.4	9	51.4	9	96.2	8	121.3	11	67.1	11
Heart, Nec.	1.7	25	19.2	21	193.5	1	531.4	1	115.3	5
Hypertensive, Nec.	0.4	31	4.9	32	23.6	28	27.3	26	10.4	32
Cerebrovascular	0.6	30	3.2	33	34.9	22	225.8	5	37.4	17
Varicose Veins	0.0	34	3.1	34	9.2	31	10.8	31	4.6	34
Hemorrhoids	0.0	33	6.8	30	11.0	30	11.2	30	6.5	33
Other Circulatory	5.2	20	25.1	19	80.4	10	166.8	9	49.4	15
Upper Respiratory	117.1	2	42.2	13	26.4	27	21.3	27	54.5	12
Other Respiratory	132.9	1	62.9	8	134.2	4	274.8	4	121.2	4
Ulcer-Stomach/Duodenum	0.7	27	13.3	25	29.7	24	58.4	20	19.3	28
Appendicitis	22.0	12	26.7	18	8.1	32	3.8	32	19.0	29
Hernia of Abdominal Cav.	26.3	10	17.8	23	59.5	11	82.5	16	36.4	18
Gallbladder	0.2	32	30.0	17	56.1	14	90.2	15	35.7	20
Other Digestive	45.3	8	132.7	3	169.4	2	298.2	3	140.1	3
Male Genital Disorders	7.6	16	10.2	27	33.1	23	102.4	13	25.9	25
Female Genital Disorders	3.9	24	118.0	4	116.9	6	45.1	24	80.8	7
Other Genitourinary	51.1	7	50.3	10	85.8	9	172.0	8	73.1	10
Deliveries	0.7	28	373.1	1	0.0	34	0.3	33	160.9	2
Comp. Pregnancy/Puerper.	1.1	26	83.4	6	0.5	33	0.0	34	36.3	19
Skin/Subcutaneous Tissue	14.8	14	23.3	20	28.2	25	58.4	21	26.7	24
Arthritis	0.7	29	5.2	31	39.9	17	103.1	12	23.6	26
Bones and Joints, Nec.	3.9	23	31.2	16	56.8	13	55.9	22	32.9	22
Other Musculoskeletal	4.8	21	15.4	24	26.6	26	20.3	28	15.7	30
Fractures/Dislocations	60.5	5	63.2	7	56.8	12	196.8	7	78.4	9
Other Current Injuries	92.9	3	204.4	2	145.3	3	203.1	6	165.5	1
All Other Conditions	58.1	6	41.3	14	49.1	16	75.5	18	51.3	14
Misspecified	10.4	15	50.3	11	36.7	19	47.5	23	37.6	16

[1]Annualized.
Source: Iowa Department of Health.

hospitals in the midwest, 1982 (non-federal community hospital)

State	Number of Beds	Total Admissions	Occupancy Rate	Average Length of Stay	Adjusted Expenses Per In-Patient Day
UNITED STATES	1,012,191	36,379,446	75.3	7.6	$327.37
IOWA	16,635	529,327	69.4	8.0	259.90
Illinois	57,601	1,924,433	73.6	8.0	369.19
Kansas	13,933	426,958	65.4	7.8	292.42
Minnesota	23,482	656,066	72.2	9.4	256.60
Missouri	23,377	920,887	73.4	8.0	327.76
Nebraska	10,123	301,106	68.8	8.4	259.93

Source: American Hospital Annual Survey, 1983, American Hospital Association.

Iowa medical statistics[1]
licensed medical professionals in Iowa

	1980	1981	1982	1983
Chiropractors	1,067	1,078	1,088	1,116
Dentists	2,543	2,411	2,440	2,356
Dental Hygienists	930	838	862	834
LPN's	6,696[2]	9,696[3]	10,759[3]	11,395[3]
MD's	7,045	7,049	7,420	7,594
Optometrists	509	554	563	571
Osteopathic Physicians	293	233	219	182
Osteopathic Physicians and Surgeons	673	726	787	780
Physical Therapists	667	633	677	645
Podiatrists	150	156	142	144
RN's (active)	26,580[3]	26,031[3]	28,293[3]	29,749[3]

[1]Estimated as of October, 1983, and assumes all outstanding licenses will be renewed.
[2]Total active license holders practicing in Iowa.
[3]Total active license holders.
Source: Iowa Board of Nursing, Iowa Department of Health.

service industries in Iowa, 1981

SIC Code	Kind of Business[1]	Number of Establishments	Number of Employees	Annual Payroll ($1,000)
	Selected service industries	17,376	201,099	2,001,649
701	Hotels, motels and tourist courts	480	10,711	58,192
703	Camps and trailering parks	24	117	1,220
72	Personal services	2,317	11,325	83,316
721	Laundry, cleaning and garment services	408	3,191	25,949
722	Photographic studios, portrait	131	501	4,130
723	Beauty shops	1,131	4,298	28,975
724	Barber shops	92	291	2,809
726	Funeral service and crematories	318	1,292	13,990
73	Business services	1,402	20,021	208,782
731	Advertising	99	872	12,972
734	Services to buildings	234	3,326	22,180
737	Computer and data processing services	90	2,140	35,162
7392	Management and public relations	177	3,072	42,510
7394	Equipment rental and leasing	77	547	8,388
75	Auto repair, services and garages	1,388	6,173	75,152
751	Automotive rental and leasing, without drivers	108	1,253	20,229
752	Automobile parking	31	159	1,517
753	Automobile repair shops	1,068	4,079	48,268
754	Automotive services, except repair	113	625	4,465
76	Miscellaneous repair services	660	2,645	33,968
762	Electrical repair shops	179	637	8,629
7879	Amusement and recreation services, including motion pictures	1,043	9,437	55,301
7812	Motion picture production distribution and services	25	322	4,857
783	Motion picture theaters	163	1,655	6,023
792	Producers, orchestras, & entertainers	51	368	1,489
7933	Bowling alleys	196	2,342	10,533
8072	Dental laboratories	57	469	7,009
81	Legal services	1,316	5,378	59,852
891	Engineering & architectural services	267	3,226	69,121

[1]All kinds of business classifications are not shown separately, therefore, detail does not add to total.
Source: County Business Patterns, 1981, U.S. Department of Commerce, Bureau of the Census.

Iowa climate and geography

Located between the Upper Mississippi and the Missouri Rivers, the State of Iowa comprises 56,000 square miles primarily of rolling prairie, with an extreme north-south distance of 205 miles and an extreme east-west distance of 310 miles. Elevation changes are small across the State, varying from 1670 feet in Osceola County in the northwest to 480 feet at the mouth of the Des Moines River in the southeast. Some rugged terrain, mainly of forest soils, may be found in the northeast yet most of the state's natural lakes are located in the northwest.

Iowa's four distinct seasons provide a climate that is classified as humid continental. Temperatures vary through a wide range, arriving at an annual average of 49 degrees. A typical year brings 166 days of sunshine, 100 partly cloudy days and 99 cloudy days. Since much of the average 32 inches of rainfall comes during the growing season, Iowa's climate is ideal for agriculture. Winter snowfall averages 30 inches, and relative humidity averages 72 percent.

Clean air and clean water have been maintained in abundance in the state with enforcement of pollution laws assuring their existence in the future.

Source: U.S. Department of Commerce, Environmental Science Services Administration, Climates of the States—Iowa.

mean temperature and total precipitation

Mean Average Temperature

	Dec. Jan. Feb.	Mar. Apr. May	June July Aug.	Sept. Oct. Nov.
Burlington	26.9	50.0	74.4	53.6
Carroll	22.9	47.8	72.9	51.4
Cedar Rapids	24.3	48.3	72.7	51.9
Council Bluffs	27.3	48.9	73.2	52.1
Creston	25.4	49.0	73.5	52.5
Davenport	26.4	49.1	74.5	54.0
Decorah	20.4	45.7	71.5	49.6
Des Moines	23.5	49.4	75.0	52.7
Dubuque	23.9	47.7	72.2	52.0
Fort Dodge	21.8	47.1	72.4	50.8
Mason City	19.3	45.0	70.8	48.9
Ottumwa	27.0	50.7	75.0	52.5
Rock Rapids	19.5	45.9	71.8	49.0
Sioux City	22.0	47.8	74.6	51.9
Spencer	19.1	45.4	71.4	48.9
Waterloo	20.8	46.4	71.9	49.8
State of IOWA	21.3	48.1	72.9	51.8

Source: U.S. Department of Commerce, Weather Bureau, Climatic Summary of the United States—Iowa.

Mean Average Precipitation

	Dec. Jan. Feb.	Mar. Apr. May	June July Aug.	Sept. Oct. Nov.
Burlington	1.54	3.39	4.01	2.59
Carroll	.98	2.30	4.01	1.97
Cedar Rapids	1.30	3.97	3.90	2.77
Council Bluffs	.85	2.98	4.86	1.90
Creston	.92	2.84	4.00	2.39
Davenport	1.53	3.15	3.87	2.74
Decorah	1.08	2.93	4.12	2.64
Des Moines	1.18	2.90	3.81	2.22
Dubuque	1.71	3.35	3.82	3.02
Fort Dodge	1.03	2.74	4.09	2.21
Mason City	.88	2.64	4.27	2.22
Ottumwa	1.31	3.14	4.19	2.51
Rock Rapids	.69	2.55	3.85	1.78
Sioux City	.80	2.31	3.37	1.77
Spencer	.82	2.55	3.99	1.95
Waterloo	1.07	2.83	4.01	2.58
State of IOWA	1.00	2.91	4.10	2.03

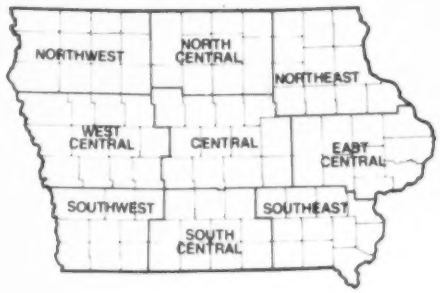
Source: U.S. Department of Commerce, Environmental Science Services Administration, "Climates of the States—Iowa."

wind chill table

	AIR TEMPERATURE (°F)															
	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
	WIND CHILL INDEX (EQUIVALENT TEMPERATURE) — Equivalent in cooling power on exposed flesh															
WIND SPEED MPH																	
4	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	33	27	21	16	12	7	1	-6	-11	-15	-20	-26	-31	-35	-41	-47	-54
	COLD																
10	21	16	9	2	-2	-9	-15	-22	-27	-31	-38	-45	-52	-58	-64	-70	-77
	VERY COLD																
15	16	11	1	-6	-11	-18	-25	-33	-40	-45	-51	-60	-65	-70	-78	-85	-90
	BITTERLY COLD																
20	12	3	-4	-9	-17	-24	-32	-40	-46	-52	-60	-68	-76	-81	-88	-96	-103
25	7	0	-7	-15	-22	-29	-37	-45	-52	-58	-67	-75	-83	-89	-96	-104	-112
	EXTREME COLD																
30	5	-2	-11	-18	-26	-33	-41	-49	-56	-63	-70	-78	-87	-94	-101	-109	-117
35	3	-4	-13	-20	-27	-35	-43	-52	-60	-67	-72	-83	-90	-98	-105	-113	-123
40	1	-4	-15	-22	-29	-36	-45	-54	-62	-69	-76	-87	-94	-101	-107	-116	-128
45	1	-6	-17	-24	-31	-38	-46	-54	-63	-70	-78	-87	-94	-101	-108	-118	-128
50	0	-7	-17	-24	-31	-38	-47	-56	-63	-70	-79	-88	-96	-103	-110	-120	-128

Wind speeds greater than 40 mph have little additional chilling effect.
Source: "Winds Over Iowa", Iowa Department of Agriculture, State Climatology Office.

climate
(annual averages)



(1931-1980)

PRECIPITATION	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	.64	.89	1.65	2.33	4.42	3.59	3.51	3.67	3.05	1.74	1.15	.81	27.45
North Central	.95	.94	1.96	2.64	3.93	4.80	3.85	3.99	3.44	2.06	1.57	1.03	31.16
Northeast	1.08	.99	2.13	2.97	3.92	4.68	4.04	3.89	3.68	2.25	1.83	1.23	32.69
West Central	.87	.96	1.84	2.63	3.87	4.60	3.51	3.76	3.14	1.98	1.33	.85	29.34
Central	1.06	1.02	2.07	2.91	4.10	4.92	3.71	3.90	3.40	2.21	1.68	1.10	32.08
East Central	1.36	1.07	2.30	3.27	3.90	4.59	3.80	3.73	3.68	2.40	2.06	1.55	33.71
Southwest	.91	.96	2.03	2.87	4.04	4.89	3.68	4.40	3.74	2.37	1.57	.96	32.42
South Central	1.17	1.01	2.22	3.23	3.97	4.85	3.48	4.19	3.85	2.45	1.85	1.22	33.49
Southeast	1.45	1.11	2.47	3.46	3.91	4.60	3.83	3.90	3.76	2.60	1.98	1.61	34.68

TOTAL SNOWFALL (Inches)	J	F	M	A	M	J	J	A	S	O	N	D	ANNUAL
Northwest	5.7	7.8	8.8	1.6	0.2	0	0	0	T	0.3	3.9	6.6	34.7
North Central	7.0	7.4	10.6	1.4	0.1	0	0	0	0.1	T	3.5	7.9	38.0
Northeast	7.7	6.2	9.4	0.8	0.1	0	0	0	T	T	2.5	8.2	34.9
West Central	6.8	6.4	8.6	1.3	0.2	0	0	0	T	0.2	3.1	5.9	32.5
Central	6.9	6.6	8.2	0.8	0.1	0	0	0	T	0.1	2.1	6.5	31.3
East Central	7.3	6.0	7.3	0.7	T	0	0	0	T	0.1	1.4	7.4	30.2
Southwest	6.0	5.5	6.7	0.9	0.1	0	0	0	T	0.1	2.0	5.5	26.8
South Central	7.0	5.2	6.6	0.7	T	0	0	0	T	0.1	1.5	6.2	27.3
Southeast	7.1	5.2	6.2	0.4	T	0	0	0	T	0.1	1.2	6.4	26.6

TEMPERATURE (F degrees)	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	15.2	20.3	31.7	47.3	59.5	69.1	73.9	71.6	62.5	51.3	34.4	21.6	46.5
North Central	15.2	20.0	31.4	47.0	59.3	69.0	73.3	70.9	62.3	51.4	34.7	21.4	46.3
Northeast	16.6	21.0	32.2	47.2	58.9	68.6	72.9	70.7	62.3	51.4	35.6	22.5	46.7
West Central	18.7	23.7	34.7	49.7	61.2	70.6	75.4	73.0	64.3	53.4	37.0	24.8	48.9
Central	18.6	23.3	34.4	49.2	60.8	70.2	74.7	72.3	64.0	53.2	38.3	26.0	49.3
East Central	20.4	24.7	35.5	49.6	61.0	70.5	74.7	72.6	64.6	53.7	38.3	26.0	49.3
Southwest	21.7	26.8	37.5	51.6	62.3	71.7	76.6	74.2	65.8	55.0	39.2	27.6	50.8
South Central	21.9	26.6	37.1	51.1	61.9	71.2	76.1	73.8	65.6	55.0	39.4	27.6	50.6
Southeast	22.9	27.3	37.9	51.6	62.5	72.0	76.4	74.2	66.3	55.5	40.3	28.3	51.3

MEAN DEGREES DAYS	J	F	M	A	M	J	J	A	S	O	N	D	Annual
Northwest	1,590	1,251	1,058	534	229	49	12	21	155	451	917	1,363	7,630
North Central	1,592	1,257	1,062	541	229	47	15	24	146	445	906	1,363	7,627
Northeast	1,551	1,236	1,034	535	240	51	15	25	145	446	884	1,326	7,488
West Central	1,479	1,153	959	461	187	34	10	17	121	393	841	1,258	6,913
Central	1,489	1,174	974	478	198	41	8	19	122	406	838	1,269	7,016
East Central	1,432	1,132	929	455	188	29	4	11	94	376	795	1,218	6,663
Southwest	1,380	1,068	870	403	163	26	10	12	94	350	774	1,172	6,322
South Central	1,382	1,078	882	414	169	30	8	13	96	351	766	1,171	6,360
Southeast	1,358	1,062	862	398	161	23	3	10	75	334	740	1,146	6,172
State	1,479	1,163	965	473	198	37	10	17	119	398	834	1,260	6,953

T=Trace.

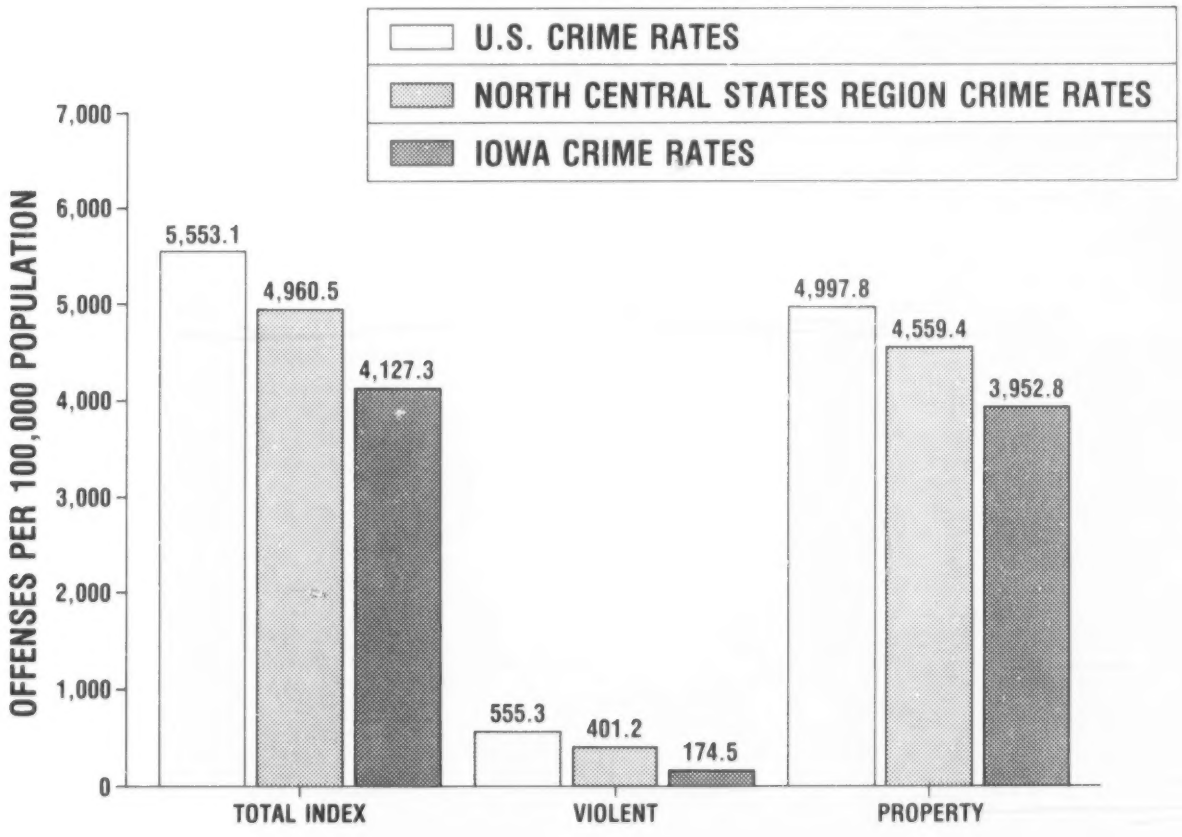
Source: Iowa Department of Agriculture, State Climatology Office.

crime rates[1] for selected midwest states, 1982

State	Index Rate	Violent Crime Rate	Property Crime Rate
United States	5,553.1	555.3	4,997.8
Illinois	4,817.1	453.8	4,363.3
Indiana	4,429.5	300.6	4,128.9
Iowa	4,127.3	174.5	3,952.8
Kansas	4,952.0	335.9	4,616.1
Minnesota	4,454.6	219.3	4,235.4
Missouri	4,947.8	506.5	4,441.3
Nebraska	3,950.8	229.6	3,721.2
Ohio	4,935.5	436.7	4,498.8
South Dakota	2,644.9	99.0	2,545.9
Wisconsin	4,439.1	190.5	4,248.6

[1]Reported offenses per 100,000 population.
Source: Crime in the United States, Uniform Crime Reports, U.S. Department of Justice, Federal Bureau of Investigation.

comparison of crime rates, U.S., Region and Iowa, 1982



SOURCE:IOWA DEPT. OF PUB. SAFETY AND FBI

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incidence of crime[1] per person by county, 1982[2]

[1]Top figure is violent crimes per 100,000 people. Bottom figure is property crimes per 100,000 people.
[2]Preliminary figures.
Source: Iowa Department of Public Safety.

total crimes reported by county, 1981-1982[1]

County	Total Crimes 1981	Total Crimes 1982	Violent Crimes 1981	Violent Crimes 1982	Property Crimes 1981	Property Crimes 1982
Adair	131	97	0	0	131	97
Adams	140	108	8	3	132	105
Allamakee	270	250	10	10	260	240
Appanoose	664	516	48	19	616	497
Audubon	200	135	1	2	199	133
Benton	556	496	33	16	523	480
Black Hawk	8,805	7,978	327	320	8,478	7,658
Boone	820	706	13	8	807	698
Bremer	621	524	51	31	570	493
Buchanan	633	610	10	20	623	590
Buena Vista	847	590	8	2	839	588
Butler	183	186	3	1	180	185
Calhoun	287	292	0	7	287	285
Carroll	437	367	17	28	420	339
Cass	355	270	4	4	351	266
Cedar	302	219	2	0	300	219
Cerro Gordo	3,385	3,003	208	172	3,177	2,831
Cherokee	364	247	9	12	355	235
Chickasaw	191	209	3	2	188	207
Clarke	190	244	4	2	186	242
Clay	768	584	10	4	758	580
Clayton	311	186	21	8	290	178
Clinton	3,079	2,828	61	32	3,018	2,796
Crawford	480	361	9	4	471	357
Dallas	951	808	42	27	909	781
Davis	172	94	5	4	167	90
Decatur	84	107	0	4	84	103
Delaware	283	206	16	13	267	193
Des Moines	2,577	2,393	112	124	2,465	2,269
Dickinson	522	482	9	5	513	477
Dubuque	5,048	4,436	119	100	4,929	4,336
Emmet	373	448	1	3	372	445
Fayette	555	548	3	0	552	548
Floyd	563	580	20	9	543	571
Franklin	233	194	4	1	229	193
Fremont	236	180	5	4	231	176
Greene	374	245	1	1	373	244
Grundy	209	137	6	0	203	137
Guthrie	184	164	8	5	176	159
Hamilton	646	573	5	13	641	560
Hancock	208	183	8	6	200	177
Hardin	689	546	24	17	665	529
Harrison	390	330	12	11	378	319
Henry	327	315	10	11	317	304
Howard	183	137	6	3	177	134
Humboldt	270	183	4	5	266	178
Ida	172	129	3	1	169	128
Iowa	274	194	10	1	264	193
Jackson	535	519	12	2	523	517
Jasper	1,467	1,242	33	40	1,434	1,202
Jefferson	520	556	0	2	520	554
Johnson	5,091	4,865	288	276	4,803	4,589
Jones	326	284	0	1	326	283
Keokuk	205	176	1	1	204	175
Kossuth	419	345	6	7	413	338
Lee	2,029	1,698	52	55	1,977	1,643
Linn	11,021	9,287	459	314	10,562	8,973
Louisa	461	397	4	8	457	389
Lucas	420	349	19	7	401	342
Lyon	89	55	3	0	86	55
Madison	228	196	1	4	227	192
Mahaska	1,096	931	36	53	1,060	878
Marion	760	567	14	18	746	549
Marshall	1,863	1,668	124	104	1,739	1,564
Mills	395	419	22	21	373	398
Mitchell	149	148	0	1	149	147
Monona	291	271	1	23	290	248
Monroe	341	258	6	4	335	254
Montgomery	381	314	4	4	377	310
Muscatine	2,175	1,909	23	25	2,152	1,884
O'Brien	353	312	7	4	346	308
Osceola	53	107	0	0	53	107
Page	585	456	9	15	576	441
Palo Alto	313	254	5	4	308	250
Plymouth	481	372	14	2	467	370
Pocahontas	193	132	2	2	191	130
Polk	26,130	24,776	1,414	1,187	24,716	23,589
Pottawattamie	6,533	4,895	429	372	6,104	4,523
Poweshiek	472	369	6	9	466	360
Ringgold	101	102	0	0	101	102
Sac	145	124	3	2	142	122
Scott	10,504	9,077	932	802	9,572	8,275
Shelby	334	238	24	14	310	224
Sioux	301	280	2	6	299	274
Story	3,957	3,541	175	176	3,782	3,365
Tama	389	393	10	11	379	382
Taylor	140	123	0	2	140	121
Union	520	435	7	9	513	426
Van Buren	217	191	1	3	216	188
Wapello	1,734	1,643	30	22	1,704	1,621
Warren	1,104	1,091	30	37	1,074	1,054
Washington	423	365	29	27	394	338
Wayne	192	211	1	0	191	211
Webster	2,486	1,998	38	61	2,448	1,937
Winnebago	227	161	8	12	219	149
Winneshiek	482	453	8	13	474	440
Woodbury	7,414	6,045	300	217	7,114	5,828
Worth	240	219	2	1	238	218
Wright	286	182	14	9	272	173
Total	136,113	119,617	5,901	5,064	130,212	114,553

[1]Preliminary figures.
Source: Iowa Department of Public Safety.

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crimes reported by county, 1982[1]

County	Violent Crimes				Property Crimes		
	Murder	Rape	Robbery	Assault	Burglary	Larceny	Theft
Adair	0	0	0	0	22	74	3
Adams	0	0	0	3	19	83	1
Allamakee	0	2	1	7	41	195	4
Appanoose	0	0	1	18	133	348	16
Audubon	0	0	0	2	33	95	5
Benton	0	7	1	8	174	275	31
Black Hawk	3	24	83	210	1,944	5,428	286
Boone	0	2	1	5	133	539	26
Bremer	0	0	1	30	80	389	24
Buchanan	1	0	2	17	209	356	25
Buena Vista	0	0	0	2	113	463	12
Butler	0	0	0	1	54	122	9
Calhoun	0	0	1	6	61	222	2
Carroll	0	3	0	25	67	256	16
Cass	0	0	0	4	61	199	6
Cedar	0	0	0	0	91	118	10
Cerro Gordo	3	6	18	145	714	1,975	142
Cherokee	0	1	0	11	53	176	6
Chickasaw	0	0	0	2	46	155	6
Clarke	0	1	0	1	67	162	13
Clay	0	0	1	3	104	456	20
Clayton	0	1	1	6	39	130	9
Clinton	1	7	7	17	490	2,172	134
Crawford	0	0	1	3	88	257	12
Dallas	1	1	6	19	197	550	34
Davis	0	1	2	1	36	46	8
Decatur	0	0	0	4	33	68	2
Delaware	0	1	0	12	49	137	7
Des Moines	2	3	13	106	458	1,690	121
Dickinson	0	1	2	2	72	385	20
Dubuque	0	1	35	64	1,096	3,064	176
Emmet	0	0	1	2	77	353	15
Fayette	0	0	0	0	87	458	13
Floyd	0	0	0	9	62	498	11
Franklin	0	0	0	1	40	145	8
Fremont	1	0	0	3	40	122	14
Greene	0	0	0	1	67	163	14
Grundy	0	0	0	0	49	79	9
Guthrie	0	1	0	4	42	114	3
Hamilton	0	3	0	10	118	412	30
Hancock	2	0	0	4	40	133	4
Hardin	0	2	0	15	110	392	27
Harrison	1	1	3	6	84	215	20
Henry	0	0	3	8	67	224	13
Howard	0	0	0	3	17	112	5
Humboldt	0	1	0	4	18	151	9
Ida	0	0	0	1	20	102	6
Iowa	0	0	1	0	21	164	8
Jackson	0	0	0	2	125	364	28
Jasper	2	1	4	33	254	894	54
Jefferson	0	0	0	2	79	460	15
Johnson	0	20	45	241	940	3,477	172
Jones	0	0	1	0	63	211	9
Keokuk	0	0	0	1	52	116	2
Kossuth	0	0	1	6	42	281	15
Lee	2	4	4	45	347	1,216	80
Linn	4	24	96	190	2,056	6,538	379
Louisa	1	0	0	7	158	220	11
Lucas	1	1	0	5	85	235	22
Lyon	0	0	0	0	17	34	4
Madison	0	0	2	2	79	107	6
Mahaska	1	1	3	45	281	547	50
Marion	0	1	0	17	160	361	28
Marshall	2	5	8	89	507	1,002	55
Mills	0	0	2	19	93	290	15
Mitchell	0	0	0	1	22	120	5
Monona	0	2	0	21	82	153	13
Monroe	0	1	0	3	71	176	7
Montgomery	0	1	2	1	54	250	6
Muscatine	2	1	0	22	335	1,467	82
O Brien	0	0	1	3	86	205	17
Osceola	0	0	0	0	12	94	1
Page	0	1	1	13	66	359	16
Palo Alto	0	1	0	3	104	132	14
Plymouth	0	1	1	0	80	268	22
Pocahontas	2	0	0	0	32	94	4
Polk	18	102	383	684	5,008	17,600	981
Pottawattamie	4	18	84	266	1,313	2,928	282
Poweshiek	0	1	1	7	94	243	23
Ringgold	0	0	0	0	92	6	4
Sac	0	0	0	2	22	92	3
Scott	3	81	241	507	2,504	5,481	290
Shelby	0	0	0	14	48	163	13
Sioux	9	1	0	5	41	222	11
Story	0	13	11	152	825	2,372	168
Tama	0	0	0	11	130	235	17
Taylor	0	0	0	2	42	75	4
Union	0	3	1	5	109	295	22
Van Buren	0	0	1	2	94	90	4
Wapello	1	1	4	16	523	1,039	89
Warren	0	2	3	32	283	725	46
Washington	0	0	1	24	87	231	20
Wayne	0	0	0	0	88	137	6
Webster	2	6	9	44	430	1,387	120
Winnebago	0	1	1	16	29	114	6
Winneshiek	0	1	0	12	110	304	26
Woodbury	5	25	38	149	1,385	4,181	262
Worth	0	0	0	1	97	118	3
Wright	1	2	0	6	49	116	8
Total	66	362	1,106	3,530	27,431	82,187	4,935

[1] Preliminary figures.
Source: Iowa Department of Public Safety

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mineral production, Iowa

Nonfuel mineral production in Iowa[1]
(thousand short tons)

Mineral	1972		1979		1980		1981r	
	Quantity	Value (thousands)	Quantity	Value (thousands)	Quantity	Value (thousands)	Quantity	Value (thousands)
Cement:								
Masonry	66	$ 1,916	69	$ 3,844	48	$ 3,340	41	$ 3,227
Portland	2,458	49,635	2,371	109,628	1,998	101,008	1,779	92,099
Clays	1,047	2,643	870	2,883	754	2,555	476	2,375
Gem Stones	—	—	—	—	—	—	XX	1
Gypsum	1,380	5,714	1,695	13,777	1,468	13,136	1,383	12,706
Peat	N/A	N/A	11	270	11	276	10	453
Sand and gravel	17,107	20,140	17,495	39,686	(2)12,683	(2)32,722	p12,100	p32,000
Stone:	27,457	48,642						
Crushed	N/A	N/A	32,471	103,215	26,542	92,603	22,424	82,891
Dimension	N/A	N/A	10	508	10	509	W	W
Combined value of other nonmetals	XX	1,667	XX	4,090	XX	5,727	XX	6,559
Total	XX	$134,496	XX	$277,901	XX	$251,876	XX	232,311

r = Revised.
p = Preliminary.
XX = Not applicable.
W = Withheld to avoid disclosing company proprietary data.
[1]Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
[2]Excludes industrial sand; value included in "Combined value" figure.
Source: Bureau of Mines, Minerals Yearbook 1981, U.S. Department of the Interior.

Iowa coal production

Year	Quantity (short tons)	Avg. Mine[1] Price/ton	Total Value
1950	1,891,000	$ 3.69	$ 6,977,000
1960	1,068,000	3.60	3,845,000
1965	1,043,000	3.54	3,694,000
1970	987,000	4.11	4,059,000
1975	622,000	11.08	6,891,000
1978r	473,088	16.10	7,616,700
1979r	726,744	19.08	13,866,300
1980r	559,404	21.33	11,932,100
1981r	708,137	20.00	14,162,700
1982	526,429	21.00	11,055,000

r = Revised.
[1]Unwashed coal.
Source: Office of Surface Mining, Bureau of Mines, U.S. Department of Interior.

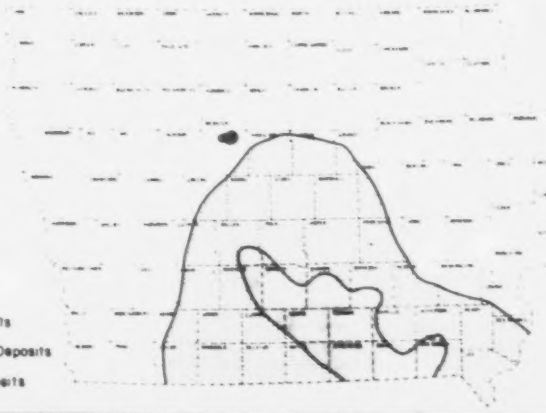
Distribution of Pennsylvania Rock

summary of reserves

The estimated original coal reserves of Iowa total 7,236.54 million short tons, of which 3,500.72 million tons is classed as measured and indicated reserves and 3,735.82 million tons is classed as inferred. A total area of about 1,316,040 acres in 37 counties was included in the reserve calculations; an additional area of about 1,291,830 acres in 44 counties is indicated by the currently available information to be favorable for the presence of coal beds more than 14 inches thick.

Source: Coal Resources of Iowa, Technical Paper #4 Iowa Geological Survey, 1965.

Gypsum Resource Areas



mineral production in Iowa by counties[1]

(thousands)

County	1979	1980	Minerals produced in 1979 in order of value
Adair	W	W	Stone.
Adams	W	W	Do.
Allamakee	$ 1,241	W	Stone, sand and gravel.
Appanoose	3,243	$2,638	Stone, clays, sand and gravel, talc.
Audubon	W	W	Sand and gravel.
Benton	W	W	Stone, sand and gravel.
Black Hawk	W	W	Do.
Boone	686	724	Sand and gravel.
Bremer	706	W	Stone, sand and gravel.
Buchanan	W	W	Do.
Buena Vista	217	109	Sand and gravel.
Butler	W	W	Stone, sand and gravel.
Calhoun	71	W	Sand and gravel.
Carroll	398	329	Do.
Cass	W	W	Stone.
Cedar	W	W	Stone, sand and gravel.
Cerro Gordo	W	65,146	Cement, stone, clays, sand and gravel.
Cherokee	612	856	Sand and gravel.
Chickasaw	W	582	Stone.
Clarke	1,101	1,037	Do.
Clay	220	320	Sand and gravel.
Clayton	3,180	4,509	Sand and gravel, stone.
Clinton	2,092	2,002	Stone, sand and gravel.
Crawford	W	W	Sand and gravel.
Dallas	W	W	Sand and gravel, clays.
Davis	W	W	Stone.
Decatur	1,176	809	Do.
Delaware	W	W	Sand and gravel, stone.
Des Moines	6,194	5,054	Gypsum, stone, sand and gravel.
Dickinson	289	617	Sand and gravel.
Dubuque	W	W	Stone, sand and gravel.
Emmett	531	381	Sand and gravel.
Fayette	1,611	2,503	Stone, sand and gravel.
Floyd	W	W	Do.
Franklin	W	W	Stone, sand and gravel, clays.
Fremont	496	423	Stone, sand and gravel.
Greene	453	W	Sand and gravel.
Grundy	38	30	Do.
Guthrie	W	304	Do.
Hamilton	W	677	Stone, sand and gravel.
Hancock	1,421	W	Stone, sand and gravel, peat.
Hardin	5,464	6,293	Stone, sand and gravel.
Harrison	W	W	Do.
Henry	125	W	Do.
Howard	507	524	Do.
Humboldt	W	W	Do.
Ida	W	W	Sand and gravel.
Iowa	W	W	Do.
Jackson	W	W	Stone, sand and gravel.
Jasper	W	W	Sand and gravel, stone.
Jefferson	W	W	Stone.
Johnson	3,336	3,076	Stone, sand and gravel.
Jones	2,898	2,952	Do.
Keokuk	W	W	Stone.
Kossuth	93	73	Sand and gravel.
Lee	1,589	W	Stone, sand and gravel.
Linn	6,207	W	Stone, sand and gravel, peat.
Louisa	1,525	W	Stone, sand and gravel.
Lucas		41	
Lyon	W	W	Sand and gravel.
Madison	W	W	Stone, clays.
Mahaska	W	W	Sand and gravel.
Marion	W	W	Sand and gravel, stone, gypsum.
Marshall	4,332	3,138	Stone, sand and gravel.
Mills	W	349	Stone.
Mitchell	1,409	W	Stone, sand and gravel.
Monona	W	W	Sand and gravel.
Monroe	W	1,383	Stone.
Montgomery	1,372	W	Stone, sand and gravel.
Muscatine	W	W	Do.
O'Brien	338	467	Sand and gravel.
Osceola	W	402	Do.
Page	W	W	Stone, sand and gravel.
Palo Alto	W	W	Sand and gravel.
Plymouth	W	W	Do.
Pocahontas	W	W	Do.
Polk	W	W	Cement, sand and gravel, clays.
Pottawattamie	W	W	Stone, sand and gravel.
Poweshiek	W	W	Stone.
Sac	W	W	Sand and gravel.
Scott	40,162	38,865	Cement, stone, lime, sand and gravel, clays.
Shelby	W	W	Sand and gravel.
Sioux	1,876	1,521	Do.
Story	W	W	Sand and gravel, stone, clays.
Tama	W	W	Stone, sand and gravel.
Taylor	1	181	Stone.
Union	W	W	Do.
Van Buren	W	W	Stone, sand and gravel.
Wapello	W	1,105	Sand and gravel, clays.
Warren	W	W	Do.
Washington	W	W	Stone.
Webster	12,922	12,027	Gypsum, stone, sand and gravel, clays.
Winnebago	186	W	Sand and gravel, peat.
Winneshiek	1,325	1,446	Stone, sand and gravel.
Woodbury	W	W	Sand and gravel, clays.
Worth	W	W	Stone, sand and gravel, peat.
Wright	400	440	Sand and gravel.
Undistributed	165,856	88,544	
Total	277,901	251,876	

W Withheld to avoid disclosing company proprietary data; included with "Undistributed."
[1]Ringgold and Wayne Counties not listed because no nonfuel mineral production was reported.
[2]Includes sand and gravel that cannot be assigned to specific counties and values indicated by symbol W.
[3]Data do not add to total shown because of independent rounding.
Source: Bureau of Mines, Minerals Yearbook 1981, U.S. Department of the Interior.

value of nonfuel mineral production and principal minerals produced in 1981, midwestern states

State	Value (Thousands)	U.S. Rank	Percent of U.S. Total	Principal minerals in order of value
Minnesota	$ 2,151,871	2	8.55	Iron ore, sand and gravel, stone, lime.
Missouri	870,326	8	3.46	Lead, cement, stone, lime.
Ohio	544,190	15	2.20	Stone, lime, sand and gravel, salt.
Illinois	428,316	19	1.70	Stone, sand and gravel, cement, lime.
Indiana	258,832	26	1.03	Stone, cement, sand and gravel, lime.
Kansas	249,060	27	.99	Cement, salt, stone, helium.
IOWA	232,311	29	.92	Cement, stone, sand and gravel, gypsum.
South Dakota	193,374	33	.77	Gold, stone, cement, sand and gravel.
Wisconsin	156,333	35	.62	Sand and gravel, stone, iron ore, lime.
Nebraska	73,995	42	.29	Cement, sand and gravel, stone, lime.
U.S. Total	25,173,000	XX	100.00	

XX = Not applicable.
Source: Bureau of Mines, Minerals Yearbook 1981, U.S. Department of Interior.

over half of Iowa's population is urban

The population of the state of Iowa is 2,913,808. The state's largest county, Polk County, has a population of 303,170.

Iowa's 10 largest cities are: Des Moines, 191,003; Cedar Rapids, 110,243; Davenport, 103,243; Sioux City, 82,003; Waterloo, 75,985; Dubuque, 62,321; Council Bluffs, 56,449; Iowa City, 50,508; Ames, 45,775; and Cedar Falls, 36,322.

	The State			Urban				Rural			Percent of total	
		Change From Preceding Census			Change From Preceding Census			Change From Preceding Census				
	Population	Number	Percent	Places of 2,500 or More	Population	Number	Percent	Population	Number	Percent	Urban	Rural
Current urban definition												
1980 (Apr. 1)	2,913,808	88,440	3.1	124	1,708,232	91,827	5.7	1,205,576	2,395	0.2	58.6	41.4
1970 (Apr. 1)	2,825,041	67,504	2.4	111	1,616,405	153,893	10.5	1,207,971	87,054	6.7	57.2	42.8
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,462,512	211,574	16.9	1,295,025	75,110	5.5	53.0	47.0
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,250,938			1,370,135			47.7	52.3
Previous urban definition												
1960 (Apr. 1)	2,757,537	136,464	5.2	104	1,439,525	210,092	17.1	1,318,012	73,628	5.3	52.2	47.8
1950 (Apr. 1)	2,621,073	82,805	3.3	93	1,229,433	145,202	13.4	1,391,640	62,397	4.3	46.9	53.1
1940 (Apr. 1)	2,538,268	67,329	2.7	89	1,084,231	104,939	10.7	1,454,037	37,610	2.5	42.7	57.3
1930 (Apr. 1)	2,470,939	66,918	2.8	81	979,292	103,797	11.9	1,491,647	36,879	2.4	39.6	60.4
1920 (Jan. 1)	2,404,021	179,250	8.1	81	875,495	195,441	28.7	1,528,526	16,191	1.0	36.4	63.6
1910 (Apr. 15)	2,224,771	7,082	0.3	69	680,054	107,668	18.8	1,544,717	114,750	6.9	30.6	69.4
1900 (June 1)	2,231,853	319,556	16.7	70	572,386	166,622	41.1	1,659,467	152,934	10.2	25.6	74.4
1890 (June 1)	1,912,297	287,682	17.7	46	405,764	158,337	64.0	1,506,533	129,365	9.4	21.2	78.8
1880 (June 1)	1,624,615	430,595	36.1	34	247,427	91,100	58.3	1,377,188	339,495	32.7	15.2	84.8
1870 (June 1)	1,194,020	519,107	76.9	22	156,327	96,299	160.4	1,037,693	422,808	68.8	13.1	86.9
1860 (June 1)	674,913	482,699	251.1	9	60,028	50,298	516.9	614,885	432,401	237.0	8.9	91.1
1850 (June 1)	192,214	149,102	345.8	3	9,730	9,730		182,484	139,372	323.3	5.1	94.9
1840 (June 1)	43,112							43,112				100.0

Includes population of area now constituting that part of Minnesota lying west of the Mississippi River and a line drawn from its source northward to the Canadian boundary. This area formed part of Iowa Territory in 1840.
Source: 1980 Census of Population. U.S. Department of Commerce, Bureau of the Census.

composition of Iowa's households, 1980

Family Household	
Householder	773,311
Spouse	682,578
Other relatives (including children)	1,019,123
Nonrelatives	17,557
Nonfamily Households	
Male householder	108,550
Female householder	171,246
Nonrelatives	45,054
In Group Quarters	
College dormitory	41,849
Mental hospital	2,637
Home for the aged	36,217
Institutions	7,546
Other group quarters	8,140

Source: 1980 Census of Population and Housing, STF3A, Iowa. U.S. Department of Commerce, Bureau of Census.

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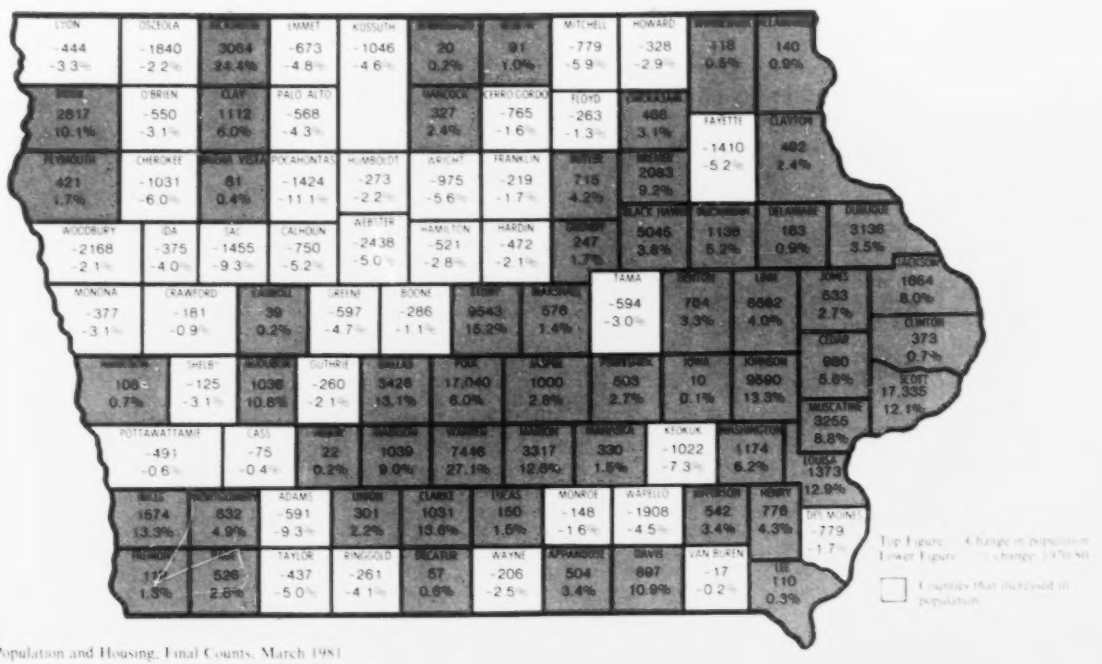
population change — 1970-1980



Source: 1980 Census of Population and Housing, Final Counts, March 1981

population and land area of counties, 1981 and 1970

	1980 Population						1970 Population			Percent Change, 1970 to 1981		
	Land Area in Square Miles, 1981	Total		Urban		Rural						
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
IOWA	55,965	2,913,808	52.1	1,708,232	58.6	1,205,576	2,825,041	1,616,405	1,207,971	3.1	5.7	-0.2
Adair	569	9,509	16.7			9,509	9,487		9,487	.2		.2
Adams	426	5,731	13.4			5,731	6,322		6,322	-9.3		-9.3
Allamakee	636	15,108	23.8	3,775	25.0	11,333	14,968	3,883	11,085	.9	-2.7	2.2
Appanoose	523	15,511	29.7	6,558	42.3	8,953	15,007	6,531	8,476	3.4	.4	5.6
Audubon	448	8,559	19.1	2,841	33.2	5,718	9,595	2,907	6,688	-10.8	-2.3	-16.9
Benton	718	23,649	32.9	7,943	33.6	15,706	22,885	7,655	15,230	3.3	3.7	3.1
Black Hawk	568	137,961	240.8	120,290	87.2	17,671	132,916	112,881	20,035	3.8	3.7	3.8
Boone	573	26,184	45.7	12,602	48.1	13,582	26,470	12,468	14,002	-1.1	1.1	-2.9
Bremer	439	24,820	56.5	8,444	34.0	16,376	22,737	7,205	15,532	9.2	17.2	5.4
Buchanan	568	22,900	40.3	6,360	27.8	16,540	21,762	5,900	15,836	5.2	8.0	4.4
Buena Vista	572	20,774	36.3	8,814	42.4	11,960	20,693	8,591	12,102	.4	2.6	-1.1
Butler	582	17,668	30.4			17,668	16,953		16,953	4.2		4.2
Calhoun	571	13,542	23.7			13,542	14,292		14,292	-5.2		-5.2
Carroll	574	22,951	39.9	9,705	42.3	13,246	22,912	8,716	14,196	.2	11.3	-6.7
Cass	559	16,932	30.3	7,789	46.0	9,143	17,007	7,306	9,701	-0.4	6.6	-5.7
Cedar	585	18,635	31.9	3,055	16.4	15,580	17,655	2,877	14,778	5.6	6.2	5.4
Cerro Gordo	575	48,458	84.3	37,602	77.6	10,856	49,223	36,921	12,414	-1.6	1.8	-12.5
Cherokee	573	16,238	28.3	7,004	43.1	9,234	17,269	7,272	9,997	-6.0	-3.7	-7.6
Chickasaw	505	15,437	30.6	3,940	25.5	11,497	14,969	3,621	11,348	3.1	8.8	1.3
Clarke	429	8,612	20.1	3,750	43.5	4,862	7,581	3,124	4,457	13.6	20.0	9.0
Clay	570	19,576	34.3	11,726	59.8	7,850	18,464	10,278	8,186	6.0	14.1	-4.1
Clayton	779	21,098	27.1			21,098	20,606		20,606	2.4		2.4
Clinton	693	57,122	82.4	42,065	73.6	15,057	56,749	41,836	14,913	.7	.5	.9
Crawford	716	18,935	26.4	6,675	35.2	12,260	19,116	6,218	12,898	-.9	7.3	-4.9
Dallas	597	29,513	49.4	9,899	33.5	19,614	26,085	6,906	19,179	13.1	43.3	2.2
Davis	509	9,104	17.8	2,849	31.3	6,255	8,207	2,718	5,489	10.9	4.8	13.9
Decatur	530	9,794	18.5	2,705	27.6	7,089	9,737	2,540	7,197	.6	6.5	-1.5
Delaware	572	18,933	33.1	4,942	26.1	13,991	18,770	4,641	14,056	.9	6.5	-.4
Des Moines	408	46,203	113.2	32,630	70.6	13,573	46,982	35,505	11,477	-1.7	-8.0	18.3
Dickinson	380	15,629	41.1	3,976	26.0	11,293	12,565	3,014	9,551	24.4	31.9	18.2

population and land area of counties, 1981 and 1970 (continued)

	1980 Population					1970 Population			Percent Change, 1970 to 1981		
	Land Area in Square Miles, 1981	Total		Urban		Rural					
		Number	Per Square Mile	Total	Percent of Total	Total	Total	Urban	Rural	Total	Urban	Rural
Dubuque	612	93,745	153.2	66,027	70.4	27,718	90,609	66,506	24,103	3.5	-.7	15.0
Emmet	394	13,336	33.8	7,518	56.4	5,818	14,009	8,108	5,901	-4.8	7.3	-1.4
Fayette	728	25,488	35.1	10,347	40.6	15,141	26,898	10,359	16,539	-5.2	-.1	-8.5
Floyd	503	19,597	40.0	8,778	44.8	10,819	19,860	9,268	10,592	-1.3	-5.3	2.1
Franklin	586	13,036	22.2	4,630	35.5	8,406	13,255	4,376	8,879	-1.7	5.8	-5.3
Freemont	524	9,401	17.9			9,401	9,282		9,282	1.3		1.3
Greene	569	12,119	21.3	4,854	40.1	7,265	12,716	4,735	7,981	-4.7	2.5	-9.0
Grundy	501	14,366	28.7	2,880	20.1	11,486	14,119	2,712	11,407	1.7	6.2	.7
Guthrie	596	11,983	20.1			11,983	12,243		12,243	-2.1		-2.1
Hamilton	577	17,862	31.0	8,572	48.0	9,290	18,383	8,488	9,895	-2.8	1.0	-6.1
Hancock	570	13,833	24.3	2,908	21.0	10,925	13,506	2,372	13,112	2.4	22.6	-16.7
Hardin	574	21,776	37.9	9,237	42.4	12,529	22,248	9,677	12,571	-2.2	-4.5	-.3
Harrison	696	16,348	23.5	3,107	19.0	13,241	16,240	3,519	12,721	.7	-11.7	4.1
Henry	440	18,890	42.9	7,322	38.8	11,568	18,114	7,007	11,107	4.3	4.5	4.2
Howard	471	11,114	23.6	3,860	34.7	7,254	11,442	3,927	7,515	-2.9	-1.7	-3.5
Humboldt	435	12,246	28.2	4,794	39.1	7,452	12,519	4,665	7,854	-2.2	2.8	-5.1
Ida	431	8,908	20.7			8,908	9,283		9,190	-4.0		-4.0
Iowa	584	15,429	26.4			15,429	15,419		15,419	.1		.1
Jackson	644	22,503	30.5	6,313	28.1	16,190	20,839	5,677	15,162	8.0	11.2	6.8
Jasper	737	36,425	49.4	15,292	42.0	21,133	35,425	15,619	19,806	2.8	-2.1	6.7
Jefferson	436	16,316	37.4	9,428	57.8	6,888	15,774	8,715	7,059	3.4	8.2	-2.4
Johnson	619	81,717	132.0	64,508	78.9	17,209	72,127	52,980	19,147	13.3	21.8	-10.1
Jones	585	20,401	34.9	8,599	42.1	11,802	19,868	7,898	11,970	2.7	8.9	-1.4
Keokuk	579	12,921	22.3			12,921	13,943		13,943	-7.3		-7.3
Kossuth	979	21,891	22.4	6,289	28.7	15,602	22,937	6,032	16,905	-4.6	4.3	-7.7
Lee	527	43,106	81.8	27,056	62.8	16,050	42,996	28,627	14,369	.3	-5.5	11.7
Linn	717	169,775	236.8	137,867	81.2	31,908	163,213	135,026	28,187	4.0	2.1	12.8
Louisa	403	12,055	29.9			12,055	10,682		10,682	12.9		12.9
Lucas	434	10,313	23.8	4,987	48.4	5,326	10,163	5,009	5,154	1.5	-.4	3.3
Lyon	588	12,896	22.1	2,693	20.9	10,203	13,340	2,632	10,708	-3.3	2.3	-4.7
Madison	564	12,597	22.3	4,021	31.9	8,576	11,558	3,654	7,904	9.0	10.0	8.5
Mahaska	572	22,867	48.1	10,989	51.9	11,969	22,177	11,224	10,953	1.5	-5.3	8.4
Marion	498	29,669	59.6	16,492	55.6	13,177	26,352	14,423	11,929	12.6	14.3	10.5
Marshall	574	41,562	72.6	26,938	64.7	14,714	41,076	26,219	14,857	1.4	2.7	-1.0
Mills	447	13,406	30.0	5,280	39.4	8,126	11,832	4,195	7,411	13.3	25.9	9.6
Mitchell	467	12,329	26.4	3,718	30.2	8,611	13,108	3,815	9,293	-5.9	-2.5	-7.3
Monona	699	11,692	16.7	3,283	28.1	8,409	12,069	3,154	8,915	-3.1	4.1	-5.7
Monroe	435	9,209	21.2	4,184	45.4	5,025	9,357	4,151	5,206	-1.6	.8	-3.4
Montgomery	422	13,413	31.8	6,810	50.1	6,603	12,781	6,210	6,571	4.9	9.7	.4
Muscatine	443	40,436	91.3	22,309	79.9	17,827	37,181	22,405	14,776	8.8	-.4	20.6
O'Brien	575	16,972	29.5	5,003	29.5	11,969	17,522	4,535	12,987	-3.1	10.3	-7.8
Osceola	398	8,371	21.0	3,051	36.4	5,320	8,555	2,749	5,806	-2.2	11.0	-8.4
Page	535	19,063	35.6	11,732	61.5	7,331	18,537	11,388	7,119	2.8	3.0	2.9
Palo Alto	561	12,721	22.7	4,621	36.3	8,100	13,289	4,150	9,139	-4.3	11.3	-11.4
Plymouth	863	24,743	28.7	8,853	35.8	15,890	24,322	8,159	16,153	1.7	1.9	-1.6
Pocahontas	581	11,369	19.6			11,369	12,793		12,729	11.1		11.1
Polk	578	303,170	524.5	272,680	89.9	30,490	286,130	265,764	20,337	6.0	2.6	49.9
Pottawattamie	963	86,561	89.8	59,887	69.2	26,613	86,991	64,847	22,144	-.6	-7.6	20.1
Poweshiek	589	19,306	32.7	8,868	45.9	10,438	18,803	8,402	10,401	2.7	5.5	.1
Ringgold	538	6,112	11.4			6,112	6,373		6,373	-4.1		-4.1
Sac	578	14,118	24.2	3,000	21.2	11,118	15,573	3,268	12,305	-9.3	-8.2	-9.6
Scott	454	160,022	352.2	136,823	85.5	23,199	142,687	126,295	16,392	12.1	8.3	41.5
Shelby	587	15,043	25.6	5,357	35.6	9,686	15,528	5,049	10,479	-3.1	6.1	-7.6
Sioux	766	30,813	40.2	19,607	63.6	11,206	27,996	9,811	18,185	10.1	99.8	-38.4
Story	568	72,326	127.3	54,449	75.3	17,877	62,783	44,457	18,326	15.2	22.5	-2.5
Tama	720	19,533	27.1	5,413	27.7	14,120	20,147	3,000	17,147	-3.0	80.4	-17.7
Taylor	528	8,353	15.8			8,353	8,790		8,790	-5.0		-5.0
Union	425	13,858	32.6	8,429	60.8	5,429	13,557	8,234	5,323	2.2	2.4	2.0
Van Buren	487	8,626	17.7			8,626	8,643		8,643	-.2		-.2
Wapello	437	40,241	92.0	27,381	68.0	12,860	42,149	29,610	12,539	-4.5	-7.2	2.6
Warren	558	34,878	62.5	16,592	47.6	18,286	27,432	10,917	16,515	27.1	52.0	10.7
Washington	568	20,141	34.5	6,584	32.7	13,557	18,967	6,317	12,650	6.2	4.2	7.2
Wayne	532	8,199	15.4			8,199	8,405		8,405	-2.5		-2.5
Webster	718	45,953	64.0	29,423	64.0	16,530	48,391	31,263	17,128	-5.9	-5.9	-3.5
Winnebago	401	13,010	32.4	4,270	32.8	8,740	12,990	3,726	9,264	.2	14.6	-5.7
Winneshiek	688	21,876	31.8	7,991	36.5	13,885	21,758	7,458	14,300	.5	7.1	-2.9
Woodbury	871	100,884	115.8	82,003	81.3	18,881	103,052	87,157	15,895	-2.1	-5.9	18.8
Worth	400	9,075	22.7			9,075	8,984		8,984	1.0		1.0
Wright	577	16,319	28.3	9,889	60.6	6,430	17,294	7,461	9,833	-5.6	32.5	-34.6

Source: 1980 Census of Population and Housing, March, 1981. Compiled by Research Division, Iowa Development Commission.

population by sex by age, Iowa, 1980

Age	Total	Female	Male
Under 1 year	47,988	23,966	24,022
1-2 years	89,624	43,388	46,236
3-4 years	83,833	41,091	42,742
5 years	41,112	19,844	21,268
6 years	39,162	19,543	19,619
7-9 years	130,197	63,369	66,828
10-13 years	183,448	89,405	94,043
14 years	48,915	23,855	25,060
15 years	52,403	25,484	26,919
16 years	55,285	26,598	28,687
17 years	55,474	27,884	27,590
18 years	56,695	28,658	28,037
19 years	57,836	28,891	28,945
20 years	57,148	29,019	28,129
21 years	55,213	27,579	27,634
22-24 years	159,373	79,587	79,786
25-29 years	241,119	118,652	122,467
30-34 years	208,686	103,557	105,129
35-44 years	302,628	153,156	149,479
45-54 years	281,293	144,495	136,798
55-59 years	144,553	74,941	69,612
60-61 years	55,477	29,425	26,052
62-64 years	78,864	42,298	36,566
65-74 years	216,681	121,790	94,891
75-84 years	126,935	80,495	46,440
85 years and over	43,866	30,712	13,154
Total	2,913,808	1,497,682	1,415,705
Median Age	30.0		

Source: 1980 Census of Population and Housing, U.S. Department of Commerce, Bureau of the Census.

Iowa's 100 fastest growing places increase in population by 25% or more

Places (Ranked)	1970-80 % Change
Johnston	1,078.9
Asbury	392.0
De Soto	180.5
Bondurant	177.7
Wahpeton	149.7
Grimes	136.6
Polk City	131.9
Pleasant Hill	127.6
Long Grove	121.6
Eldridge	113.6
Peosta	110.5
Sergeant Bluff	107.6
West Okoboji	107.1
Buck Grove	104.9
Huxley	101.1
Altoona	99.9
Hiawatha	99.7
Clive	96.5
Plain View	95.7
Treynor	94.9
North Liberty	93.9
Crescent	92.6
Shueyville	86.4
Millville	85.2
Swan	82.1

Places (Ranked)	1970-80 % Change
Ankeny	68.6
McCausland	68.6
Lakeside	66.9
LeGrand	63.0
Van Meter	61.0
Beacon	56.8
Swisher	56.8
Okoboji	54.8
Ely	54.5
Gilbert	54.5
Norwalk	53.4
Princeton	52.4
Fremont	52.1
Branson	49.7
Hudson	47.7
Atalissa	47.5
Luxemburg	46.5
Coburg	44.4
Walcott	44.1
Dakota City	43.7
Martensdale	43.1
Bankston	42.9
Ridgeway	41.3
Montrose	41.2
Waukee	41.2

Places (Ranked)	1970-80 % Change
West Branch	41.2
Denver	40.9
Badger	40.4
Hazelton	40.1
Westphalia	39.7
Meriden	39.5
Readlyn	39.3
Milo	38.7
Tiffin	38.1
Orleans	37.9
Carlisle	36.8
Camanche	36.2
Mediapolis	35.7
Superior	35.3
Vining	35.2
Hinton	35.0
Monroe	35.0
Barnum	34.7
Westfield	34.5
Balltown	34.2
Donahue	33.8
Packwood	33.8
Parnell	33.7
Wilton	33.6
Blue Grass	33.4

Places (Ranked)	1970-80 % Change
Colo	33.3
Fredenia	33.3
West Des Moines	33.2
Sioux Center	33.0
Grandview	32.5
Cushing	32.4
Kinross	31.9
Spirit Lake	31.9
Williamsburg	31.7
Dolliver	31.6
North Buena Vista	31.4
Story City	31.3
Hartford	30.8
Stanton	30.1
New Sharon	29.8
Ionia	29.6
Floris	29.0
Westgate	28.9
Garner	28.8
Delphos	28.6
Orange City	28.4
Newhall	28.2
Franklin	27.9

Source: 1980 Census of Population and Housing, March 1981.

summary of places, 2500 or more inhabitants

City	Persons								Housing Units		
				Race							
	1980	1970	% Change 1970-80	White	Black	Am. Indian Eskimo & Aluet	Asian & Pacific Islander	Other	Spanish Origin	1980	1970	% Change 1970-80
Adel	2,846	2,419	17.7	2,829	2	0	6	9	22	1,208	882	37.0
Albia	4,184	4,151	.8	4,162	12	2	3	5	17	1,990	1,678	18.6
Algona	6,289	6,032	4.3	6,254	5	4	14	12	45	2,512	2,090	20.2
Altoona	5,764	2,883	99.9	5,706	9	7	16	26	37	1,964	849	131.3
Ames	45,775	39,505	15.9	43,073	771	43	1,189	699	543	14,809	11,038	34.2
Anamosa	4,958	4,389	13.0	4,832	94	16	4	12	31	1,654	1,319	25.4
Ankeny	15,429	9,151	68.6	15,234	70	18	59	48	98	5,611	2,641	112.5
Atlantic	7,789	7,306	6.6	7,715	9	6	33	26	24	3,353	2,810	19.3
Audubon	2,841	2,907	2.3	2,823	0	0	8	10	10	1,230	1,091	12.7
Belle Plaine	2,903	2,810	3.3	2,888	1	4	1	9	14	1,303	1,153	13.0
Belmond	2,505	2,358	6.2	2,483	0	0	10	12	18	1,060	843	25.7
Bettendorf	27,381	22,126	23.8	26,724	239	48	202	168	439	9,668	6,445	50.0
Bloomfield	2,849	2,718	4.8	2,818	15	2	3	11	5	1,305	1,108	17.8
Boone	12,602	12,468	1.1	12,510	21	7	27	37	65	5,316	4,590	15.8
Burlington	29,529	32,366	8.8	28,254	964	46	99	166	383	12,090	11,979	.9
Camanche	4,725	3,470	36.2	4,697	11	5	7	5	38	1,654	1,077	53.6
Carlisle	3,073	2,246	36.8	3,048	3	2	8	12	17	1,092	698	56.4
Carroll	9,705	8,716	11.3	9,657	1	10	29	8	58	3,545	2,683	32.1
Carter Lake	3,438	3,268	5.2	3,378	0	23	14	14	98	1,127	885	27.3
Cedar Falls	36,222	29,597	22.7	35,477	332	59	303	151	227	12,189	8,286	47.1
Cedar Rapids	110,243	110,642	-0.4	106,342	2,555	199	535	612	1,014	43,541	37,979	14.6
Centerville	6,578	6,531	0.4	6,369	99	25	34	31	51	2,945	2,668	10.4
Chariton	4,987	5,009	-0.4	4,962	2	5	11	7	11	2,345	2,089	12.3
Charles City	8,778	9,268	-5.3	8,737	3	1	14	23	52	3,576	3,437	4.0
Cherokee	7,004	7,272	-3.7	6,960	7	16	14	7	26	2,861	2,587	10.7
Clarinda	5,458	5,420	0.7	5,351	37	6	42	22	34	2,285	1,962	16.5
Clarion	3,060	2,972	3.0	3,030	0	10	5	15	33	1,345	1,164	15.5
Clear Lake	7,458	6,430	16.0	7,376	14	7	17	44	70	3,731	2,650	40.8
Clinton	32,828	34,719	-5.4	31,950	530	79	153	116	174	12,895	11,868	8.7
Clive	5,906	3,005	96.5	5,757	41	5	65	38	46	2,242	936	144.9
Coralville	7,687	6,130	25.4	7,330	167	23	107	60	83	3,672	2,190	67.0
Council Bluffs	56,449	60,348	-6.5	55,303	415	140	180	411	957	21,949	19,750	11.1
Cresco	3,860	3,927	-1.7	3,844	2	3	9	2	6	1,646	1,440	14.3
Creston	8,429	8,234	2.4	8,384	16	5	20	6	22	3,642	3,229	12.8
Davenport	103,264	98,469	4.9	94,641	6,296	255	551	1,521	2,859	40,294	33,466	20.4
Decorah	7,991	7,237	10.4	7,742	88	0	34	127	27	2,653	2,059	28.8
Denison	6,675	6,218	7.3	6,541	8	5	43	78	45	2,568	2,167	18.5
Des Moines	191,003	201,404	-5.2	172,618	13,054	556	1,596	3,179	3,523	79,913	72,639	10.0
DeWitt	4,512	3,647	23.7	4,495	1	1	6	7	22	1,789	1,290	38.7
Dubuque	62,321	62,309	*	61,859	219	52	194	167	359	22,160	18,030	22.9
Dyersville	3,825	3,437	11.3	3,814	0	0	3	8	13	1,314	1,009	32.2
Eagle Grove	4,324	4,489	-3.7	4,263	0	5	45	11	10	1,736	1,599	8.6
Eldora	3,063	3,223	-5.0	3,042	0	3	10	8	20	1,340	1,151	16.4
Eldridge	3,279	1,535	113.6	3,261	8	1	3	6	13	1,034	435	137.7
Emmetsburg	4,621	4,150	11.3	4,591	6	2	7	15	31	1,805	1,445	24.9
Estherville	7,518	8,108	-7.3	7,441	9	8	26	34	37	3,075	2,644	16.3
Evansdale	4,798	5,038	-4.8	4,730	11	27	12	18	43	1,669	1,462	14.2
Fairfield	9,428	8,715	8.2	9,248	64	14	80	72	81	3,445	3,237	6.7
Forest City	4,270	3,841	11.2	4,217	27	3	5	18	16	1,694	1,289	31.4
Fort Dodge	29,423	31,263	-5.9	28,337	769	25	108	184	368	11,636	10,693	8.8
Fort Madison	13,520	13,996	-3.4	12,532	574	35	66	313	612	5,328	4,998	6.6
Garner	2,908	2,257	28.8	2,890	4	0	2	12	21	1,063	837	27.0
Glenwood	5,280	4,421	19.4	5,246	10	2	15	7	34	1,759	1,291	36.3
Grinnell	8,858	8,402	5.5	8,670	58	16	66	58	48	3,279	2,792	17.4
Harlan	5,637	5,049	6.1	5,522	2	1	16	16	29	2,212	1,778	24.4
Hampton	4,630	4,376	5.8	4,552	6	1	4	67	99	2,016	1,764	14.3
Hawarden	2,722	2,789	-2.4	2,676	11	31	1	3	10	1,120	997	12.3
Hiawatha	4,825	2,416	99.7	4,772	24	10	13	6	39	1,989	709	180.5
Humboldt	4,794	4,665	2.8	4,780	1	4	6	3	11	2,024	1,611	25.6
Independence	6,392	5,910	8.2	6,340	2	8	27	15	30	2,463	2,074	18.8
Indianola	10,843	8,852	22.5	10,694	69	30	52	18	30	4,104	2,833	44.9
Iowa City	50,508	46,850	7.8	47,678	990	81	1,162	597	593	19,235	15,481	24.2
Iowa Falls	6,174	6,454	-4.3	6,078	45	11	22	18	18	2,444	2,259	8.2
Jefferson	4,854	4,735	2.5	4,819	2	9	20	4	6	2,024	1,824	11.0
Johnston	2,617	222	1079.0	2,599	4	0	7	7	15	1,013	54	1776.0
Keokuk	13,536	14,631	-7.5	12,930	468	15	84	39	88	5,667	5,309	6.7
Knoxville	8,143	7,755	5.0	8,030	19	10	49	35	75	3,141	2,505	25.3
Lamoni	2,705	2,540	6.5	2,622	26	7	28	22	39	850	708	20.1
LeClaire	2,899	2,520	15.0	2,871	1	3	9	15	28	1,035	765	35.3
LeMars	8,276	8,159	1.4	8,193	41	2	22	18	37	3,095	2,603	18.9
Manchester	4,942	4,641	6.5	4,920	1	1	7	13	24	2,045	1,704	20.0
Maquoketa	6,313	5,677	11.2	6,288	1	3	17	4	24	2,655	2,090	27.0
Marion	19,474	18,028	8.0	19,234	57	39	95	49	86	7,194	5,522	30.3
Marshalltown	26,938	26,219	2.7	26,260	259	55	135	229	216	10,771	9,127	18.0
Mason City	30,144	30,379	-0.8	29,439	201	31	105	368	804	12,617	10,672	18.2
Missouri Valley	3,107	3,519	-11.7	3,098	0	6	2	1	2	1,321	1,233	7.1
Monticello	3,641	3,509	3.8	3,635	0	1	3	2	8	1,492	1,169	27.6
Mount Pleasant	7,322	7,007	4.5	7,087	121	15	47	52	42	2,823	2,396	17.8
Mount Vernon	3,325	3,018	10.2	3,226	41	2	36	20	21	1,006	716	40.5
Muscatine	23,467	22,405	4.7	22,271	167	34	95	900	1,297	8,975	7,742	15.9
Nevada	5,912	4,952	19.4	5,875	6	2	13	16	26	2,402	1,792	34.0
New Hampton	3,940	3,621	8.8	3,922	0	4	4	10	6	1,588	1,216	30.6
Newton	15,292	15,619	-2.1	15,154	17	19	45	57	100	6,471	5,625	15.0
Norwalk	2,676	1,745	53.4	2,647	9	1	15	4	14	861	499	72.5
Oelwein	7,964	7,735	2.2	7,479	8	5	14	58	144	3,069	2,817	8.9
Ottawa	3,283	3,154	4.1	3,267	0	8	4	4	14	1,396	1,211	15.3
Orange City	4,588	3,572	28.4	4,527	14	6	9	32	9	1,329	1,154	32.5
Osage	3,718	3,815	-2.5	3,710	0	0	8	0	10	1,610	1,386	16.2
Osceola	3,750	3,124	20.0	3,727	4	2	12	5	13	1,806	1,376	31.3
Oskaloosa	10,629	11,224	-5.3	10,363	109	19	33	105	54	4,605	4,292	7.3
Ottumwa	27,381	29,610	-7.5	26,937	255	30	63	96	125	11,459	11,158	2.7
Pella	8,349	6,668	25.2	8,086	53	5	88	117	49	3,070	2,132	44.0
Perry	7,053	6,906	2.1	6,980	32	1	29	11	77	2,980	2,650	12.5
Pleasant Hill	3,493	1,535	127.6	3,388	31	9	48	17	49	1,182	401	194.8
Red Oak	6,810	6,210	9.7	6,760	8	4	13	25	15	3,021	2,537	19.1
Rock Rapids	2,693	2,632	2.3	2,667	1	0	3	22	7	1,182	1,018	16.1
Rock Valley	2,706	2,205	22.7	2,660	4	1	15	26	17	994	725	37.1
Sac City	3,000	3,268	-8.2	2,997	1	0	0	2	11	1,284	1,205	6.6
Sheldon	5,003	4,535	10.3	4,986	2	2	5	8	16	1,955	1,597	22.4
Shenandoah	6,274	5,968	5.1	6,225	0	8	12	29	47	2,834	2,444	16.0
Sibley	3,051	2,749	11.0	3,040	2	6	2	1	2	1,234	1,031	19.7
Sioux Center	4,588	3,450	33.0	4,528	4	13	22	21	12	1,470	957	53.6
Sioux City	82,003	85,925	-4.6	78,861	1,118	1,135	291	598	1,081	32,007	29,197	9.6
Spencer	11,726	10,078	14.1	11,616	1	25	27	57	37	4,803	3,689	30.2
Spirit Lake	3,976	3,014	31.9	3,941	0	11	3	21	15	1,717	1,196	43.6
Storm Lake	8,814	8,591	2.6	8,729	6	3	12	64	39	3,363	2,933	14.7
Story City	2,762	2,104	31.3	2,732	1	1	4	24	1	1,137	804	41.4
Tama	3,968	3,000	1.1	2,866	1	82	7	12	14	1,194	1,083	10.2
Tipton	3,055	2,877	6.2	3,033	0	3	10	9	6	1,317	1,067	23.4
Urbandale	17,869	14,434	23.8	17,479	140	17	172	61	97	6,904	4,276	61.5
Vinton	5,040	4,845	4.0	5,017	1	11	5	6	21	2,157	1,770	21.9
Washington	6,584	6,317	4.2	6,540	5	5	28	6	37	2,772	2,441	13.6
Waterloo	75,985	75,533	0.6	66,953	8,239	150	312	331	586	29,545	25,301	16.8
Waukon	3,983	3,883	2.6	3,961	0	1	3	18	12	1,654	1,369	20.8
Waverly	8,444	7,205	17.2	8,335	32	4	47	26	27	2,985	2,267	31.7
Webster City	8,572	8,488	1.0	8,503	2	8	33	26	47	3,433	3,073	11.7
West Burlington	3,371	3,139	7.4	3,333	26	1	8	3	12	1,466	1,045	40.3
West Des Moines	21,894	16,441	33.2	21,272	243	13	136	230	465	8,927	5,061	76.4
West Liberty	2,723	2,296	18.6	2,457	2	0	11	253	503	1,042	812	28.3
West Union	2,783	2,624	6.1	2,777	1	0	5	0	18	1,118	953	17.3
Wilton	2,502	1,873	33.6	2,486	0	2	2	12	18	963	670	43.7
Windsor Heights	5,632	6,303	-10.6	5,544	26	7	37	18	35	2,267	2,040	11.1
Winterset	4,021	3,654	10.0	3,989	3	4	8	17	9	1,732	1,478	17.2

*Indicates no change in population from 1970-80.
Source: 1980 U.S. Census. Compiled by Research Division, Iowa Development Commission.

provisional population projections for Iowa counties, 1985-2000[1]

County	1985	1990	1995	2000
STATE	2,836,889	2,901,852	2,955,795	3,004,894
ADAIR	9,492	9,613	9,686	9,771
ADAMS	5,004	4,981	4,956	4,973
ALLAMAKEE	15,026	15,352	15,655	15,967
APPANOOSE	15,358	15,546	15,731	15,969
AUDUBON	7,206	7,140	7,061	7,075
BENTON	24,350	25,131	25,802	26,320
BLACK HAWK	133,365	136,760	139,439	141,766
BOONE	25,741	25,916	25,983	26,020
BREMER	25,029	25,648	26,197	26,665
BUCHANAN	23,419	24,448	25,437	26,425
BUENA VISTA	20,289	20,573	20,704	20,772
BUTLER	18,011	18,265	18,444	18,602
CALHOUN	12,712	12,680	12,590	12,515
CARROLL	22,412	23,267	24,050	24,855
CASS	17,005	17,236	17,395	17,507
CEDAR	18,873	19,318	19,653	19,933
CERRO CORDO	45,684	46,025	46,091	46,056
CHEROKEE	14,318	14,287	14,194	14,228
CHACKASAW	15,374	15,955	16,527	17,043
CLARKE	8,063	8,144	8,234	8,325
CLAY	20,294	20,988	21,504	21,936
CLAYTON	21,191	21,676	22,118	22,575
CLINTON	54,861	56,050	57,070	58,022
CRAWFORD	17,606	17,945	18,239	18,580
DALLAS	29,008	29,669	30,225	30,691
DAVIS	8,929	9,120	9,309	9,515
DECATUR	9,720	9,788	9,876	9,997
DELAWARE	18,232	19,103	20,004	20,942
DES MOINES	43,245	43,820	44,187	44,500
DICKINSON	14,025	14,111	14,147	14,190
DUBUQUE	90,675	94,182	97,309	99,796
EMMET	11,734	11,830	11,940	12,134
FAYETTE	22,552	22,482	22,476	22,630
FLOYD	18,452	18,626	18,784	18,976
FRANKLIN	12,778	12,928	13,011	13,067
FREMONT	9,439	9,512	9,553	9,606
GREENE	11,429	11,461	11,458	11,507
GRUNDY	14,217	14,393	14,500	14,608
GUTHRIE	11,667	11,757	11,816	11,874
HAMILTON	16,636	16,674	16,645	16,673
HANCOCK	13,867	14,279	14,647	15,035
HARDIN	20,910	21,083	21,190	21,253
HARRISON	16,256	16,501	16,734	16,945
HENRY	19,058	19,303	19,463	19,589
HOWARD	10,681	10,904	11,122	11,348
HUMBOLDT	11,653	11,888	12,019	12,131
IDA	8,448	8,542	8,603	8,693
IOWA	15,132	15,382	15,542	15,661
JACKSON	23,125	24,083	24,995	25,767
JASPER	36,217	36,846	37,204	37,397
JEFFERSON	16,346	16,401	16,363	16,246
JOHNSON	83,098	85,133	86,814	88,759

provisional population projections for Iowa counties, 1985-2000[1] (continued)

County	1985	1990	1995	2000
JONES	20,210	20,519	20,795	21,056
KEOKUK	11,717	11,676	11,650	11,731
KOSSUTH	19,576	19,831	20,048	20,436
LEE	42,306	43,147	43,810	44,375
LINN	164,641	170,121	174,227	176,713
LOUISA	11,909	12,228	12,534	12,827
LUCAS	10,288	10,412	10,507	10,589
LYON	11,536	11,685	11,777	12,024
MADISON	12,324	12,464	12,570	12,696
MAHASKA	23,042	23,281	23,483	23,716
MARION	28,943	29,410	29,724	29,933
MARSHALL	40,108	40,975	41,598	42,049
MILLS	13,322	14,726	14,112	14,471
MITCHELL	11,147	11,228	11,293	11,391
MONONA	11,289	11,284	11,247	11,256
MONROE	9,091	9,159	9,201	9,245
MONTGOMERY	13,298	13,438	13,523	13,623
MUSCATINE	41,939	43,694	45,288	46,715
O'BRIEN	15,935	16,129	16,218	16,334
OSCEOLA	7,942	8,070	8,178	8,295
PAGE	18,926	18,963	18,929	18,914
PALO ALTO	11,696	11,806	11,924	12,105
PLYMOUTH	24,043	24,697	25,265	25,859
POCAHONTAS	9,442	9,278	9,108	9,060
POLK	306,679	316,114	323,164	328,256
POTTAWATTAMIE	79,439	81,397	82,928	84,423
POWESHIEK	19,415	19,558	19,606	19,590
RINGGOLD	5,932	5,909	5,871	5,954
SAC	12,136	11,972	11,797	11,784
SCOTT	166,102	174,011	181,137	187,260
SHELBY	13,828	14,001	14,126	14,293
SIOUX	32,095	33,630	35,061	36,411
STORY	71,200	72,293	74,285	76,877
TAMA	18,379	18,480	18,572	18,736
TAYLOR	8,147	8,166	8,187	8,244
UNION	14,000	14,235	14,411	14,561
VAN BUREN	8,702	8,887	9,061	9,233
WAPELLO	37,163	37,102	36,761	36,627
WARREN	33,416	34,644	35,867	36,872
WASHINGTON	20,354	20,870	21,284	21,604
WAYNE	8,157	8,127	8,067	8,033
WEBSTER	40,329	40,707	40,894	41,044
WINNEBAGO	12,499	12,588	12,663	12,740
WINNESHIEK	20,954	21,233	21,529	21,831
WOODBURY	89,868	91,779	93,656	95,669
WORTH	9,168	9,267	9,307	9,308
WRIGHT	16,045	17,006	17,856	18,801

[1]Iowa provisional data only.
Source: Iowa Office of Planning & Programming

population projections for Iowa, 1985-2000[1]

Age Group	1985	1990	1995	2000
TOTAL	2,836,889	2,901,852	2,955,795	3,004,894
0-4	208,325	209,541	204,676	199,983
5-9	217,704	209,845	211,077	206,209
10-14	207,296	216,698	208,871	210,118
15-19	211,734	204,045	213,308	205,582
20-24	230,054	205,696	198,203	207,170
25-29	233,252	227,255	203,139	195,739
30-34	228,969	234,043	227,976	203,713
35-39	197,015	226,222	231,224	225,239
40-44	157,427	194,604	223,441	228,437
45-49	137,721	154,985	191,612	220,036
50-54	130,553	134,783	151,704	187,642
55-59	135,549	126,209	130,335	146,784
60-64	132,493	127,844	119,182	123,176
65-69	120,916	121,299	117,136	109,444
70-74	101,888	107,056	107,415	103,827
75–	185,993	201,727	216,496	231,795
0-14	633,325	636,084	624,624	616,310
0-64	2,428,092	2,471,770	2,514,748	2,559,828
15-49	1,396,172	1,446,850	1,488,903	1,485,916
15-64	1,794,767	1,835,686	1,890,124	1,943,518
65–	408,797	430,082	441,047	445,066
MALE				
TOTAL	1,394,959	1,427,143	1,454,417	1,481,622
0-4	107,539	106,939	104,464	102,074
5-9	111,481	108,190	107,593	105,100
10-14	104,841	110,666	107,385	106,805
15-19	106,030	102,383	108,086	104,878
20-24	117,130	102,125	98,595	104,077
25-29	121,685	116,730	101,772	98,239
30-34	119,669	123,850	118,807	103,573
35-39	100,904	118,116	122,228	117,248
40-44	79,203	99,548	116,512	120,598
45-49	68,560	77,759	97,761	114,440
50-54	63,550	66,813	75,804	95,337
55-59	66,939	61,110	64,276	72,982
60-64	63,314	62,010	56,670	59,695
65-69	54,561	55,997	54,926	50,303
70-74	43,792	45,116	46,364	45,569
75–	65,761	69,791	73,174	80,704
0-14	323,861	325,795	319,442	313,979
0-64	1,230,845	1,256,239	1,279,953	1,305,046
15-49	713,181	740,511	763,761	763,053
15-64	906,984	930,444	960,511	991,067
65–	164,114	170,904	174,464	176,576
FEMALE				
TOTAL	1,441,930	1,474,709	1,501,378	1,523,272
0-4	100,786	102,602	100,212	97,909
5-9	106,223	101,655	103,484	101,109
10-14	102,455	106,032	101,486	103,313
15-19	105,704	101,662	105,222	100,704
20-24	112,924	103,571	99,608	103,093
25-29	111,567	110,525	101,367	97,500
30-34	109,300	110,193	109,169	100,140
35-39	96,111	108,106	108,996	107,991
40-44	78,224	95,056	106,929	107,839
45-49	69,161	77,226	93,851	105,596
50-54	67,003	67,970	75,900	92,305
55-59	68,610	65,099	66,059	73,802
60-64	69,179	65,834	62,512	63,481
65-69	66,355	65,302	62,210	59,141
70-74	58,096	61,940	61,051	58,258
75–	120,232	131,936	143,322	151,091
0-14	309,464	310,289	305,182	302,331
0-64	1,197,247	1,215,531	1,234,795	1,254,782
15-49	682,991	706,339	725,142	722,863
15-64	887,783	905,242	929,613	952,451
65–	244,683	259,178	266,583	268,490

[1]Provisional data only.
Source: Iowa Office for Planning and Programming.

income by households and families, Iowa counties, 1979

State of IOWA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	42045	19573
$2,500 TO $4,999	88227	26948
$5,000 TO $7,499	86310	44301
$7,500 TO $9,999	81702	48777
$10,000 TO $12,499	88627	58528
$12,500 TO $14,999	78431	57602
$15,000 TO $17,499	84580	66298
$17,500 TO $19,999	75594	62927
$20,000 TO $22,499	79300	68525
$22,500 TO $24,999	63112	56538
$25,000 TO $27,499	57852	52483
$27,500 TO $29,999	42980	39423
$30,000 TO $34,999	65772	61050
$35,000 TO $39,999	40018	37477
$40,000 TO $49,999	39204	36484
$50,000 TO $74,999	27379	25381
$75,000 OR MORE	11974	10996
MEDIAN	$ 16809	$ 20062
MEAN	$ 19555	$ 22545

ADAIR

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	257	174
$2,500 TO $4,999	378	150
$5,000 TO $4,999	369	227
$7,500 TO $9,999	404	257
$10,000 TO $12,499	390	290
$12,500 TO $14,999	328	285
$15,000 TO $17,499	308	269
$17,500 TO $19,999	209	183
$20,000 TO $22,499	182	158
$22,500 TO $24,999	161	140
$25,000 TO $27,499	116	109
$27,500 TO $29,999	102	96
$30,000 TO $34,999	119	107
$35,000 TO $39,999	80	78
$40,000 TO $49,999	116	103
$50,000 TO $74,999	65	61
$75,000 OR MORE	19	19
MEDIAN	$ 12527	$ 14737
MEAN	$ 15423	$ 17399

ADAMS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	121	67
$2,500 TO $4,999	260	101
$5,000 TO $4,999	227	143
$7,500 TO $9,999	220	173
$10,000 TO $12,499	250	200
$12,500 TO $14,999	189	150
$15,000 TO $17,499	173	166
$17,500 TO $19,999	164	152
$20,000 TO $22,499	180	157
$22,500 TO $24,999	112	93
$25,000 TO $27,499	85	70
$27,500 TO $29,999	40	38
$30,000 TO $34,999	97	93
$35,000 TO $39,999	19	19
$40,000 TO $49,999	34	34
$50,000 TO $74,999	27	27
$75,000 OR MORE	10	6
MEDIAN	$ 12844	$ 15158
MEAN	$ 14931	$ 16661

ALLAMAKEE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	242	122
$2,500 TO $4,999	563	212
$5,000 TO $4,999	700	394
$7,500 TO $9,999	526	378
$10,000 TO $12,499	470	367
$12,500 TO $14,999	410	348
$15,000 TO $17,499	494	437
$17,500 TO $19,999	410	379
$20,000 TO $22,499	345	313
$22,500 TO $24,999	213	201
$25,000 TO $27,499	162	145
$27,500 TO $29,999	126	121
$30,000 TO $34,999	244	246
$35,000 TO $39,999	128	126
$40,000 TO $49,999	80	72
$50,000 TO $74,999	72	70
$75,000 OR MORE	13	13
MEDIAN	$ 13098	$ 15864
MEAN	$ 15281	$ 17592

APPANOOSE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	285	144
$2,500 TO $4,999	914	320
$5,000 TO $4,999	776	514
$7,500 TO $9,999	706	488
$10,000 TO $12,499	598	450
$12,500 TO $14,999	457	378
$15,000 TO $17,499	370	327
$17,500 TO $19,999	435	375
$20,000 TO $22,499	371	342
$22,500 TO $24,999	269	265
$25,000 TO $27,499	276	266
$27,500 TO $29,999	135	126
$30,000 TO $34,999	175	155
$35,000 TO $39,999	97	94
$40,000 TO $49,999	63	63
$50,000 TO $74,999	61	55
$75,000 OR MORE	21	21
MEDIAN	$ 11352	$ 14322
MEAN	$ 14046	$ 16352

AUDUBON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	145	83
$2,500 TO $4,999	260	61
$5,000 TO $4,999	387	182
$7,500 TO $9,999	297	214
$10,000 TO $12,499	344	318
$12,500 TO $14,999	361	300
$15,000 TO $17,499	312	275
$17,500 TO $19,999	235	193
$20,000 TO $22,499	164	149
$22,500 TO $24,999	141	121
$25,000 TO $27,499	148	135
$27,500 TO $29,999	83	70
$30,000 TO $34,999	82	82
$35,000 TO $39,999	46	41
$40,000 TO $49,999	92	82
$50,000 TO $74,999	114	97
$75,000 OR MORE	8	8
MEDIAN	$ 13722	$ 15432
MEAN	$ 16308	$ 18318

BENTON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	416	237
$2,500 TO $4,999	699	236
$5,000 TO $4,999	717	376
$7,500 TO $9,999	689	417
$10,000 TO $12,499	645	415
$12,500 TO $14,999	574	455
$15,000 TO $17,499	755	563
$17,500 TO $19,999	584	508
$20,000 TO $22,499	725	655
$22,500 TO $24,999	522	483
$25,000 TO $27,499	505	480
$27,500 TO $29,999	302	291
$30,000 TO $34,999	508	482
$35,000 TO $39,999	364	354
$40,000 TO $49,999	264	251
$50,000 TO $74,999	170	159
$75,000 OR MORE	93	83
MEDIAN	$ 16742	$ 20059
MEAN	$ 18987	$ 21766

BLACK HAWK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1365	644
$2,500 TO $4,999	3533	1230
$5,000 TO $4,999	3219	1530
$7,500 TO $9,999	3281	1885
$10,000 TO $12,499	3335	2067
$12,500 TO $14,999	3030	1978
$15,000 TO $17,499	3522	2526
$17,500 TO $19,999	3526	2842
$20,000 TO $22,499	3998	3322
$22,500 TO $24,999	3243	2782
$25,000 TO $27,499	3057	2767
$27,500 TO $29,999	2334	2125
$30,000 TO $34,999	3919	3565
$35,000 TO $39,999	2422	2238
$40,000 TO $49,999	2317	2082
$50,000 TO $74,999	1483	1374
$75,000 OR MORE	610	585
MEDIAN	$ 19494	$ 22310
MEAN	$ 21755	$ 24796

BOONE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	334	115
$2,500 TO $4,999	849	248
$5,000 TO $4,999	877	435
$7,500 TO $9,999	747	404
$10,000 TO $12,499	860	558
$12,500 TO $14,999	798	649
$15,000 TO $17,499	714	581
$17,500 TO $19,999	693	605
$20,000 TO $22,499	748	647
$22,500 TO $24,999	603	548
$25,000 TO $27,499	533	487
$27,500 TO $29,999	433	393
$30,000 TO $34,999	621	580
$35,000 TO $39,999	326	302
$40,000 TO $49,999	333	303
$50,000 TO $74,999	242	238
$75,000 OR MORE	59	53
MEDIAN	$ 16471	$ 19909
MEAN	$ 18841	$ 21930

BREMER

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	262	152
$2,500 TO $4,999	668	209
$5,000 TO $4,999	651	369
$7,500 TO $9,999	659	371
$10,000 TO $12,499	650	419
$12,500 TO $14,999	543	421
$15,000 TO $17,499	623	511
$17,500 TO $19,999	656	587
$20,000 TO $22,499	746	676
$22,500 TO $24,999	574	550
$25,000 TO $27,499	495	477
$27,500 TO $29,999	396	388
$30,000 TO $34,999	533	520
$35,000 TO $39,999	267	260
$40,000 TO $49,999	377	371
$50,000 TO $74,999	212	207
$75,000 OR MORE	116	105
MEDIAN	$ 18102	$ 20952
MEAN	$ 20245	$ 23112

BUCHANAN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	323	175
$2,500 TO $4,999	673	253
$5,000 TO $4,999	773	444
$7,500 TO $9,999	600	369
$10,000 TO $12,499	619	454
$12,500 TO $14,999	618	510
$15,000 TO $17,499	558	473
$17,500 TO $19,999	488	416
$20,000 TO $22,499	623	534
$22,500 TO $24,999	510	484
$25,000 TO $27,499	455	442
$27,500 TO $29,999	289	283
$30,000 TO $34,999	423	428
$35,000 TO $39,999	253	233
$40,000 TO $49,999	230	223
$50,000 TO $74,999	195	188
$75,000 OR MORE	58	58
MEDIAN	$ 16066	$ 19336
MEAN	$ 18409	$ 21047

BUENA VISTA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	284	145
$2,500 TO $4,999	669	139
$5,000 TO $4,999	624	350
$7,500 TO $9,999	614	356
$10,000 TO $12,499	754	561
$12,500 TO $14,999	604	455
$15,000 TO $17,499	576	449
$17,500 TO $19,999	532	428
$20,000 TO $22,499	618	548
$22,500 TO $24,999	449	396
$25,000 TO $27,499	314	288
$27,500 TO $29,999	295	267
$30,000 TO $34,999	425	392
$35,000 TO $39,999	267	250
$40,000 TO $49,999	279	266
$50,000 TO $74,999	257	248
$75,000 OR MORE	100	95
MEDIAN	$ 16222	$ 19612
MEAN	$ 19682	$ 22886

BUTLER

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	299	178
$2,500 TO $4,999	612	180
$5,000 TO $4,999	520	286
$7,500 TO $9,999	541	401
$10,000 TO $12,499	486	374
$12,500 TO $14,999	553	446
$15,000 TO $17,499	525	460
$17,500 TO $19,999	522	483
$20,000 TO $22,499	521	484
$22,500 TO $24,999	396	385
$25,000 TO $27,499	301	284
$27,500 TO $29,999	223	223
$30,000 TO $34,999	311	290
$35,000 TO $39,999	144	144
$40,000 TO $49,999	153	143
$50,000 TO $74,999	143	135
$75,000 OR MORE	65	63
MEDIAN	$ 15698	$ 18300
MEAN	$ 17708	$ 20157

CALHOUN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	247	123
$2,500 TO $4,999	465	136
$5,000 TO $4,999	517	306
$7,500 TO $9,999	459	305
$10,000 TO $12,499	408	283
$12,500 TO $14,999	443	326
$15,000 TO $17,499	452	380
$17,500 TO $19,999	413	370
$20,000 TO $22,499	274	256
$22,500 TO $24,999	245	227
$25,000 TO $27,499	216	199
$27,500 TO $29,999	154	135
$30,000 TO $34,999	293	265
$35,000 TO $39,999	126	117
$40,000 TO $49,999	185	161
$50,000 TO $74,999	140	133
$75,000 OR MORE	54	47
MEDIAN	$ 15036	$ 17672
MEAN	$ 18074	$ 20672

CARROLL

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	292	154
$2,500 TO $4,999	585	171
$5,000 TO $4,999	686	334
$7,500 TO $9,999	615	389
$10,000 TO $12,499	835	527
$12,500 TO $14,999	622	468
$15,000 TO $17,499	707	546
$17,500 TO $19,999	607	504
$20,000 TO $22,499	549	463
$22,500 TO $24,999	480	470
$25,000 TO $27,499	382	349
$27,500 TO $29,999	324	299
$30,000 TO $34,999	379	345
$35,000 TO $39,999	280	249
$40,000 TO $49,999	211	186
$50,000 TO $74,999	226	215
$75,000 OR MORE	117	111
MEDIAN	$ 16109	$ 18993
MEAN	$ 19219	$ 22119

CASS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	330	149
$2,500 TO $4,999	703	170
$5,000 TO $4,999	662	377
$7,500 TO $9,999	515	316
$10,000 TO $12,499	707	489
$12,500 TO $14,999	576	489
$15,000 TO $17,499	522	446
$17,500 TO $19,999	480	408
$20,000 TO $22,499	456	392
$22,500 TO $24,999	307	294
$25,000 TO $27,499	333	297
$27,500 TO $29,999	227	225
$30,000 TO $34,999	273	261
$35,000 TO $39,999	141	135
$40,000 TO $49,999	170	164
$50,000 TO $74,999	121	119
$75,000 OR MORE	65	65
MEDIAN	$ 14136	$ 17287
MEAN	$ 16941	$ 20029

income by households and families, Iowa counties, 1979 (continued)

CEDAR

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	260	143
$2,500 TO $4,999	590	201
$5,000 TO $4,999	505	265
$7,500 TO $9,999	513	334
$10,000 TO $12,499	567	359
$12,500 TO $14,999	487	336
$15,000 TO $17,499	487	409
$17,500 TO $19,999	476	405
$20,000 TO $22,499	629	371
$22,500 TO $24,999	402	373
$25,000 TO $27,499	349	325
$27,500 TO $29,999	281	271
$30,000 TO $34,999	392	378
$35,000 TO $39,999	287	277
$40,000 TO $49,999	244	230
$50,000 TO $74,999	231	226
$75,000 OR MORE	37	36
MEDIAN	$ 17292	$ 20514
MEAN	$ 19274	$ 22134

CERRO CORDO

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	623	181
$2,500 TO $4,999	1627	408
$5,000 TO $4,999	1672	705
$7,500 TO $9,999	1684	907
$10,000 TO $12,499	1481	915
$12,500 TO $14,999	1422	1045
$15,000 TO $17,499	1455	1191
$17,500 TO $19,999	1418	1160
$20,000 TO $22,499	1516	1298
$22,500 TO $24,999	1189	1087
$25,000 TO $27,499	1135	1037
$27,500 TO $29,999	678	617
$30,000 TO $34,999	935	903
$35,000 TO $39,999	616	576
$40,000 TO $49,999	566	539
$50,000 TO $74,999	484	437
$75,000 OR MORE	197	173
MEDIAN	$ 16443	$ 20149
MEAN	$ 18917	$ 22439

CHEROKEE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	290	157
$2,500 TO $4,999	511	124
$5,000 TO $4,999	563	283
$7,500 TO $9,999	436	243
$10,000 TO $12,499	583	373
$12,500 TO $14,999	518	382
$15,000 TO $17,499	425	370
$17,500 TO $19,999	449	386
$20,000 TO $22,499	325	308
$22,500 TO $24,999	427	393
$25,000 TO $27,499	240	207
$27,500 TO $29,999	191	181
$30,000 TO $34,999	334	297
$35,000 TO $39,999	181	171
$40,000 TO $49,999	237	223
$50,000 TO $74,999	227	210
$75,000 OR MORE	72	72
MEDIAN	$ 15609	$ 19171
MEAN	$ 19169	$ 22455

CHICKASAW

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	279	154
$2,500 TO $4,999	509	169
$5,000 TO $4,999	456	227
$7,500 TO $9,999	439	311
$10,000 TO $12,499	423	307
$12,500 TO $14,999	481	371
$15,000 TO $17,499	478	375
$17,500 TO $19,999	407	382
$20,000 TO $22,499	406	373
$22,500 TO $24,999	362	342
$25,000 TO $27,499	206	204
$27,500 TO $29,999	183	169
$30,000 TO $34,999	299	294
$35,000 TO $39,999	126	104
$40,000 TO $49,999	200	183
$50,000 TO $74,999	105	103
$75,000 OR MORE	22	18
MEDIAN	$ 15541	$ 18344
MEAN	$ 17476	$ 19941

CLARKE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	232	104
$2,500 TO $4,999	409	136
$5,000 TO $4,999	414	295
$7,500 TO $9,999	344	231
$10,000 TO $12,499	336	238
$12,500 TO $14,999	286	258
$15,000 TO $17,499	267	233
$17,500 TO $19,999	227	216
$20,000 TO $22,499	244	217
$22,500 TO $24,999	149	1147
$25,000 TO $27,499	75	60
$27,500 TO $29,999	68	68
$30,000 TO $34,999	96	96
$35,000 TO $39,999	115	115
$40,000 TO $49,999	55	55
$50,000 TO $74,999	61	40
$75,000 OR MORE	0	0
MEDIAN	$ 12158	$ 14927
MEAN	$ 14567	$ 16608

CLAY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	305	145
$2,500 TO $4,999	595	218
$5,000 TO $4,999	569	308
$7,500 TO $9,999	499	305
$10,000 TO $12,499	673	421
$12,500 TO $14,999	652	513
$15,000 TO $17,499	572	436
$17,500 TO $19,999	517	431
$20,000 TO $22,499	505	446
$22,500 TO $24,999	368	328
$25,000 TO $27,499	388	333
$27,500 TO $29,999	252	239
$30,000 TO $34,999	492	448
$35,000 TO $39,999	196	176
$40,000 TO $49,999	277	258
$50,000 TO $74,999	312	301
$75,000 OR MORE	206	145
MEDIAN	$ 16731	$ 19701
MEAN	$ 21208	$ 23717

CLAYTON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	449	245
$2,500 TO $4,999	804	265
$5,000 TO $4,999	763	448
$7,500 TO $9,999	735	509
$10,000 TO $12,499	773	580
$12,500 TO $14,999	554	457
$15,000 TO $17,499	609	546
$17,500 TO $19,999	564	515
$20,000 TO $22,499	459	431
$22,500 TO $24,999	343	333
$25,000 TO $27,499	345	331
$27,500 TO $29,999	151	145
$30,000 TO $34,999	325	316
$35,000 TO $39,999	154	139
$40,000 TO $49,999	202	174
$50,000 TO $74,999	121	119
$75,000 OR MORE	136	136
MEDIAN	$ 13491	$ 16559
MEAN	$ 17048	$ 19788

CLINTON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	621	279
$2,500 TO $4,999	1440	418
$5,000 TO $4,999	1530	788
$7,500 TO $9,999	1441	872
$10,000 TO $12,499	1523	1017
$12,500 TO $14,999	1299	872
$15,000 TO $17,499	1615	1268
$17,500 TO $19,999	1686	1391
$20,000 TO $22,499	1760	1561
$22,500 TO $24,999	1258	1144
$25,000 TO $27,499	1323	1199
$27,500 TO $29,999	1032	972
$30,000 TO $34,999	1597	1508
$35,000 TO $39,999	891	858
$40,000 TO $49,999	743	695
$50,000 TO $74,999	412	388
$75,000 OR MORE	137	137
MEDIAN	$ 18516	$ 21247
MEAN	$ 20049	$ 22858

CRAWFORD

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	324	191
$2,500 TO $4,999	703	256
$5,000 TO $4,999	555	354
$7,500 TO $9,999	498	349
$10,000 TO $12,499	649	457
$12,500 TO $14,999	494	392
$15,000 TO $17,499	549	456
$17,500 TO $19,999	432	332
$20,000 TO $22,499	521	475
$22,500 TO $24,999	354	311
$25,000 TO $27,499	377	369
$27,500 TO $29,999	292	272
$30,000 TO $34,999	395	372
$35,000 TO $39,999	188	165
$40,000 TO $49,999	178	177
$50,000 TO $74,999	168	161
$75,000 OR MORE	47	47
MEDIAN	$ 15633	$ 18351
MEAN	$ 17987	$ 20406

DALLAS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	344	168
$2,500 TO $4,999	715	208
$5,000 TO $4,999	741	364
$7,500 TO $9,999	782	404
$10,000 TO $12,499	886	620
$12,500 TO $14,999	736	573
$15,000 TO $17,499	750	619
$17,500 TO $19,999	861	718
$20,000 TO $22,499	848	749
$22,500 TO $24,999	695	628
$25,000 TO $27,499	690	626
$27,500 TO $29,999	551	511
$30,000 TO $34,999	845	786
$35,000 TO $39,999	413	394
$40,000 TO $49,999	448	425
$50,000 TO $74,999	305	280
$75,000 OR MORE	102	95
MEDIAN	$ 18661	$ 21368
MEAN	$ 20573	$ 23336

DAVIS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	277	199
$2,500 TO $4,999	405	142
$5,000 TO $4,999	323	200
$7,500 TO $9,999	344	279
$10,000 TO $12,499	246	161
$12,500 TO $14,999	233	193
$15,000 TO $17,499	312	295
$17,500 TO $19,999	241	219
$20,000 TO $22,499	203	186
$22,500 TO $24,999	111	97
$25,000 TO $27,499	147	147
$27,500 TO $29,999	76	76
$30,000 TO $34,999	104	101
$35,000 TO $39,999	86	71
$40,000 TO $49,999	59	54
$50,000 TO $74,999	78	78
$75,000 OR MORE	41	41
MEDIAN	$ 13015	$ 15809
MEAN	$ 16001	$ 18312

DECATUR

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	213	91
$2,500 TO $4,999	554	175
$5,000 TO $4,999	470	329
$7,500 TO $9,999	356	275
$10,000 TO $12,499	369	299
$12,500 TO $14,999	231	193
$15,000 TO $17,499	301	265
$17,500 TO $19,999	234	221
$20,000 TO $22,499	157	157
$22,500 TO $24,999	153	147
$25,000 TO $27,499	145	137
$27,500 TO $29,999	96	84
$30,000 TO $34,999	68	68
$35,000 TO $39,999	63	53
$40,000 TO $49,999	70	70
$50,000 TO $74,999	23	23
$75,000 OR MORE	0	0
MEDIAN	$ 11074	$ 14113
MEAN	$ 13346	$ 15599

DELAWARE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	365	212
$2,500 TO $4,999	542	164
$5,000 TO $4,999	512	295
$7,500 TO $9,999	466	327
$10,000 TO $12,499	618	457
$12,500 TO $14,999	387	303
$15,000 TO $17,499	521	447
$17,500 TO $19,999	510	453
$20,000 TO $22,499	517	475
$22,500 TO $24,999	291	273
$25,000 TO $27,499	304	293
$27,500 TO $29,999	270	256
$30,000 TO $34,999	317	305
$35,000 TO $39,999	211	181
$40,000 TO $49,999	157	153
$50,000 TO $74,999	169	161
$75,000 OR MORE	36	34
MEDIAN	$ 15991	$ 18546
MEAN	$ 18053	$ 20555

DES MOINES

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	566	199
$2,500 TO $4,999	1528	474
$5,000 TO $4,999	1333	677
$7,500 TO $9,999	1208	667
$10,000 TO $12,499	1364	960
$12,500 TO $14,999	1402	966
$15,000 TO $17,499	1376	1054
$17,500 TO $19,999	1099	854
$20,000 TO $22,499	1350	1131
$22,500 TO $24,999	1148	1008
$25,000 TO $27,499	1010	919
$27,500 TO $29,999	767	688
$30,000 TO $34,999	1222	1177
$35,000 TO $39,999	749	690
$40,000 TO $49,999	659	619
$50,000 TO $74,999	308	303
$75,000 OR MORE	192	174
MEDIAN	$ 17252	$ 20948
MEAN	$ 19868	$ 23076

DICKINSON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	218	77
$2,500 TO $4,999	443	133
$5,000 TO $4,999	516	271
$7,500 TO $9,999	522	325
$10,000 TO $12,499	567	408
$12,500 TO $14,999	550	430
$15,000 TO $17,499	488	421
$17,500 TO $19,999	568	462
$20,000 TO $22,499	487	445
$22,500 TO $24,999	269	244
$25,000 TO $27,499	267	254
$27,500 TO $29,999	216	200
$30,000 TO $34,999	312	273
$35,000 TO $39,999	191	181
$40,000 TO $49,999	173	154
$50,000 TO $74,999	162	129
$75,000 OR MORE	86	82
MEDIAN	$ 16032	$ 18471
MEAN	$ 19024	$ 21560

DUBUQUE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1054	446
$2,500 TO $4,999	2179	586
$5,000 TO $4,999	2040	979
$7,500 TO $9,999	2166	1199
$10,000 TO $12,499	2028	1360
$12,500 TO $14,999	1952	1334
$15,000 TO $17,499	1974	1565
$17,500 TO $19,999	2132	1814
$20,000 TO $22,499	2344	2048
$22,500 TO $24,999	2205	1963
$25,000 TO $27,499	1962	1807
$27,500 TO $29,999	1482	1374
$30,000 TO $34,999	2480	2358
$35,000 TO $39,999	1393	1285
$40,000 TO $49,999	1276	1226
$50,000 TO $74,999	869	825
$75,000 OR MORE	484	467
MEDIAN	$ 19396	$ 22484
MEAN	$ 21710	$ 25122

income by households and families, Iowa counties, 1979 (continued)

EMMET

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	168	61
$2,500 TO $4,999	488	159
$5,000 TO $4,999	384	229
$7,500 TO $9,999	366	194
$10,000 TO $12,499	478	322
$12,500 TO $14,999	328	260
$15,000 TO $17,499	369	328
$17,500 TO $19,999	332	286
$20,000 TO $22,499	491	425
$22,500 TO $24,999	265	250
$25,000 TO $27,499	237	228
$27,500 TO $29,999	175	146
$30,000 TO $34,999	286	269
$35,000 TO $39,999	137	123
$40,000 TO $49,999	130	121
$50,000 TO $74,999	115	109
$75,000 OR MORE	70	64
MEDIAN	$ 16338	$ 19545
MEAN	$ 18760	$ 21652

FAYETTE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	468	146
$2,500 TO $4,999	897	295
$5,000 TO $4,999	881	499
$7,500 TO $9,999	739	499
$10,000 TO $12,499	950	703
$12,500 TO $14,999	676	530
$15,000 TO $17,499	821	740
$17,500 TO $19,999	612	551
$20,000 TO $22,499	633	585
$22,500 TO $24,999	438	425
$25,000 TO $27,499	455	408
$27,500 TO $29,999	320	303
$30,000 TO $34,999	466	442
$35,000 TO $39,999	241	228
$40,000 TO $49,999	217	205
$50,000 TO $74,999	213	205
$75,000 OR MORE	95	95
MEDIAN	$ 14815	$ 17579
MEAN	$ 17525	$ 20548

FLOYD

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	315	128
$2,500 TO $4,999	659	185
$5,000 TO $4,999	596	299
$7,500 TO $9,999	606	428
$10,000 TO $12,499	635	484
$12,500 TO $14,999	504	395
$15,000 TO $17,499	593	526
$17,500 TO $19,999	643	573
$20,000 TO $22,499	508	458
$22,500 TO $24,999	368	352
$25,000 TO $27,499	349	329
$27,500 TO $29,999	241	232
$30,000 TO $34,999	482	438
$35,000 TO $39,999	240	243
$40,000 TO $49,999	156	139
$50,000 TO $74,999	146	144
$75,000 OR MORE	78	71
MEDIAN	$ 16031	$ 18665
MEAN	$ 18186	$ 20963

FRANKLIN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	247	154
$2,500 TO $4,999	475	134
$5,000 TO $4,999	441	227
$7,500 TO $9,999	384	230
$10,000 TO $12,499	463	304
$12,500 TO $14,999	427	357
$15,000 TO $17,499	401	343
$17,500 TO $19,999	440	390
$20,000 TO $22,499	386	357
$22,500 TO $24,999	285	263
$25,000 TO $27,499	166	153
$27,500 TO $29,999	219	195
$30,000 TO $34,999	255	247
$35,000 TO $39,999	138	126
$40,000 TO $49,999	126	121
$50,000 TO $74,999	94	94
$75,000 OR MORE	44	34
MEDIAN	$ 15365	$ 18240
MEAN	$ 17583	$ 20157

FREMONT

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	240	119
$2,500 TO $4,999	400	162
$5,000 TO $4,999	388	236
$7,500 TO $9,999	283	187
$10,000 TO $12,499	428	293
$12,500 TO $14,999	271	234
$15,000 TO $17,499	278	231
$17,500 TO $19,999	271	242
$20,000 TO $22,499	231	202
$22,500 TO $24,999	156	153
$25,000 TO $27,499	180	166
$27,500 TO $29,999	106	95
$30,000 TO $34,999	125	116
$35,000 TO $39,999	106	94
$40,000 TO $49,999	59	53
$50,000 TO $74,999	81	81
$75,000 OR MORE	27	25
MEDIAN	$ 13201	$ 16228
MEAN	$ 15893	$ 18279

GREENE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	187	121
$2,500 TO $4,999	532	188
$5,000 TO $4,999	525	304
$7,500 TO $9,999	406	225
$10,000 TO $12,499	418	284
$12,500 TO $14,999	385	298
$15,000 TO $17,499	351	289
$17,500 TO $19,999	374	324
$20,000 TO $22,499	330	303
$22,500 TO $24,999	232	212
$25,000 TO $27,499	252	234
$27,500 TO $29,999	164	152
$30,000 TO $34,999	207	199
$35,000 TO $39,999	68	70
$40,000 TO $49,999	137	129
$50,000 TO $74,999	130	118
$75,000 OR MORE	43	42
MEDIAN	$ 14464	$ 17785
MEAN	$ 17330	$ 20064

GRUNDY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	169	92
$2,500 TO $4,999	346	93
$5,000 TO $4,999	395	176
$7,500 TO $9,999	365	233
$10,000 TO $12,499	403	273
$12,500 TO $14,999	371	282
$15,000 TO $17,499	462	441
$17,500 TO $19,999	356	312
$20,000 TO $22,499	449	407
$22,500 TO $24,999	332	299
$25,000 TO $27,499	328	305
$27,500 TO $29,999	182	170
$30,000 TO $34,999	334	300
$35,000 TO $39,999	206	181
$40,000 TO $49,999	234	216
$50,000 TO $74,999	179	168
$75,000 OR MORE	55	55
MEDIAN	$ 18006	$ 20611
MEAN	$ 20790	$ 23481

GUTHRIE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	331	187
$2,500 TO $4,999	524	163
$5,000 TO $4,999	447	256
$7,500 TO $9,999	398	284
$10,000 TO $12,499	458	341
$12,500 TO $14,999	358	284
$15,000 TO $17,499	371	338
$17,500 TO $19,999	305	266
$20,000 TO $22,499	277	245
$22,500 TO $24,999	231	215
$25,000 TO $27,499	214	195
$27,500 TO $29,999	129	122
$30,000 TO $34,999	172	162
$35,000 TO $39,999	132	124
$40,000 TO $49,999	118	109
$50,000 TO $74,999	44	34
$75,000 OR MORE	51	44
MEDIAN	$ 13352	$ 16254
MEAN	$ 16132	$ 18454

HAMILTON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	253	146
$2,500 TO $4,999	511	163
$5,000 TO $4,999	488	224
$7,500 TO $9,999	542	335
$10,000 TO $12,499	574	422
$12,500 TO $14,999	580	472
$15,000 TO $17,499	674	591
$17,500 TO $19,999	446	376
$20,000 TO $22,499	462	431
$22,500 TO $24,999	440	400
$25,000 TO $27,499	315	274
$27,500 TO $29,999	240	234
$30,000 TO $34,999	333	282
$35,000 TO $39,999	200	184
$40,000 TO $49,999	236	214
$50,000 TO $74,999	235	221
$75,000 OR MORE	70	65
MEDIAN	$ 16304	$ 18590
MEAN	$ 19180	$ 21606

HANCOCK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	210	129
$2,500 TO $4,999	388	99
$5,000 TO $4,999	353	209
$7,500 TO $9,999	416	240
$10,000 TO $12,499	461	353
$12,500 TO $14,999	489	363
$15,000 TO $17,499	486	380
$17,500 TO $19,999	313	279
$20,000 TO $22,499	458	411
$22,500 TO $24,999	344	316
$25,000 TO $27,499	227	211
$27,500 TO $29,999	146	145
$30,000 TO $34,999	257	251
$35,000 TO $39,999	132	130
$40,000 TO $49,999	161	153
$50,000 TO $74,999	130	126
$75,000 OR MORE	39	39
MEDIAN	$ 15967	$ 18790
MEAN	$ 18442	$ 21004

HARDIN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	413	234
$2,500 TO $4,999	715	180
$5,000 TO $4,999	632	338
$7,500 TO $9,999	751	416
$10,000 TO $12,499	717	438
$12,500 TO $14,999	664	479
$15,000 TO $17,499	744	616
$17,500 TO $19,999	577	485
$20,000 TO $22,499	577	533
$22,500 TO $24,999	548	550
$25,000 TO $27,499	385	357
$27,500 TO $29,999	279	264
$30,000 TO $34,999	353	347
$35,000 TO $39,999	249	241
$40,000 TO $49,999	242	225
$50,000 TO $74,999	148	144
$75,000 OR MORE	120	101
MEDIAN	$ 15554	$ 18907
MEAN	$ 18191	$ 21221

HARRISON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	416	201
$2,500 TO $4,999	703	255
$5,000 TO $4,999	576	379
$7,500 TO $9,999	416	289
$10,000 TO $12,499	543	420
$12,500 TO $14,999	518	415
$15,000 TO $17,499	446	390
$17,500 TO $19,999	414	392
$20,000 TO $22,499	392	362
$22,500 TO $24,999	298	269
$25,000 TO $27,499	231	218
$27,500 TO $29,999	198	187
$30,000 TO $34,999	272	247
$35,000 TO $39,999	173	158
$40,000 TO $49,999	150	137
$50,000 TO $74,999	91	84
$75,000 OR MORE	48	25
MEDIAN	$ 13895	$ 16635
MEAN	$ 16497	$ 18639

HENRY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	284	139
$2,500 TO $4,999	598	172
$5,000 TO $4,999	586	318
$7,500 TO $9,999	487	322
$10,000 TO $12,499	573	424
$12,500 TO $14,999	729	545
$15,000 TO $17,499	616	487
$17,500 TO $19,999	548	493
$20,000 TO $22,499	529	479
$22,500 TO $24,999	383	355
$25,000 TO $27,499	288	274
$27,500 TO $29,999	293	279
$30,000 TO $34,999	313	285
$35,000 TO $39,999	246	242
$40,000 TO $49,999	189	182
$50,000 TO $74,999	132	126
$75,000 OR MORE	46	38
MEDIAN	$ 15662	$ 18377
MEAN	$ 17997	$ 20583

HOWARD

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	257	125
$2,500 TO $4,999	410	128
$5,000 TO $4,999	364	214
$7,500 TO $9,999	434	288
$10,000 TO $12,499	469	300
$12,500 TO $14,999	252	211
$15,000 TO $17,499	375	300
$17,500 TO $19,999	260	234
$20,000 TO $22,499	225	208
$22,500 TO $24,999	164	161
$25,000 TO $27,499	229	200
$27,500 TO $29,999	96	94
$30,000 TO $34,999	196	181
$35,000 TO $39,999	114	108
$40,000 TO $49,999	56	56
$50,000 TO $74,999	71	66
$75,000 OR MORE	97	85
MEDIAN	$ 13795	$ 16779
MEAN	$ 17468	$ 20337

HUMBOLDT

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	172	93
$2,500 TO $4,999	372	104
$5,000 TO $4,999	428	266
$7,500 TO $9,999	353	250
$10,000 TO $12,499	400	234
$12,500 TO $14,999	479	384
$15,000 TO $17,499	390	330
$17,500 TO $19,999	336	299
$20,000 TO $22,499	384	343
$22,500 TO $24,999	249	233
$25,000 TO $27,499	252	234
$27,500 TO $29,999	180	160
$30,000 TO $34,999	154	150
$35,000 TO $39,999	189	185
$40,000 TO $49,999	189	186
$50,000 TO $74,999	107	107
$75,000 OR MORE	37	31
MEDIAN	$ 15843	$ 18616
MEAN	$ 18745	$ 21352

IDA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	220	131
$2,500 TO $4,999	329	89
$5,000 TO $4,999	350	205
$7,500 TO $9,999	279	180
$10,000 TO $12,499	382	304
$12,500 TO $14,999	285	193
$15,000 TO $17,499	292	270
$17,500 TO $19,999	184	155
$20,000 TO $22,499	213	202
$22,500 TO $24,999	186	175
$25,000 TO $27,499	143	119
$27,500 TO $29,999	126	116
$30,000 TO $34,999	136	125
$35,000 TO $39,999	50	48
$40,000 TO $49,999	91	89
$50,000 TO $74,999	69	64
$75,000 OR MORE	43	43
MEDIAN	$ 13632	$ 16407
MEAN	$ 17646	$ 20601

income by households and families, Iowa counties, 1979 (continued)

IOWA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	209	132
$2,500 TO $4,999	409	110
$5,000 TO $4,999	405	201
$7,500 TO $9,999	461	275
$10,000 TO $12,499	479	289
$12,500 TO $14,999	376	283
$15,000 TO $17,499	541	454
$17,500 TO $19,999	388	349
$20,000 TO $22,499	494	462
$22,500 TO $24,999	409	374
$25,000 TO $27,499	337	310
$27,500 TO $29,999	198	198
$30,000 TO $34,999	283	261
$35,000 TO $39,999	207	200
$40,000 TO $49,999	178	170
$50,000 TO $74,999	138	131
$75,000 OR MORE	59	59
MEDIAN	$ 17063	$ 20195
MEAN	$ 19165	$ 21907

JACKSON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	371	168
$2,500 TO $4,999	754	302
$5,000 TO $4,999	635	337
$7,500 TO $9,999	613	401
$10,000 TO $12,499	526	365
$12,500 TO $14,999	597	451
$15,000 TO $17,499	605	521
$17,500 TO $19,999	541	492
$20,000 TO $22,499	699	660
$22,500 TO $24,999	533	486
$25,000 TO $27,499	486	473
$27,500 TO $29,999	251	234
$30,000 TO $34,999	344	330
$35,000 TO $39,999	184	177
$40,000 TO $49,999	189	164
$50,000 TO $74,999	232	229
$75,000 OR MORE	65	63
MEDIAN	$ 16308	$ 19439
MEAN	$ 18513	$ 21317

JASPER

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	494	226
$2,500 TO $4,999	975	292
$5,000 TO $4,999	1065	595
$7,500 TO $9,999	1161	743
$10,000 TO $12,499	1143	821
$12,500 TO $14,999	923	686
$15,000 TO $17,499	1289	1001
$17,500 TO $19,999	1147	985
$20,000 TO $22,499	1039	935
$22,500 TO $24,999	864	811
$25,000 TO $27,499	766	724
$27,500 TO $29,999	534	497
$30,000 TO $34,999	925	867
$35,000 TO $39,999	445	429
$40,000 TO $49,999	408	376
$50,000 TO $74,999	279	270
$75,000 OR MORE	113	113
MEDIAN	$ 16986	$ 19582
MEAN	$ 18994	$ 21600

JEFFERSON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	287	140
$2,500 TO $4,999	631	179
$5,000 TO $4,999	507	310
$7,500 TO $9,999	533	376
$10,000 TO $12,499	536	419
$12,500 TO $14,999	522	396
$15,000 TO $17,499	535	452
$17,500 TO $19,999	420	372
$20,000 TO $22,499	357	262
$22,500 TO $24,999	238	211
$25,000 TO $27,499	199	199
$27,500 TO $29,999	183	171
$30,000 TO $34,999	259	252
$35,000 TO $39,999	164	157
$40,000 TO $49,999	173	154
$50,000 TO $74,999	106	89
$75,000 OR MORE	32	32
MEDIAN	$ 14162	$ 16468
MEAN	$ 16877	$ 19383

JOHNSON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1589	329
$2,500 TO $4,999	2480	490
$5,000 TO $4,999	2518	860
$7,500 TO $9,999	2390	915
$10,000 TO $12,499	2738	1219
$12,500 TO $14,999	2291	1252
$15,000 TO $17,499	2140	1282
$17,500 TO $19,999	2013	1357
$20,000 TO $22,499	1855	1380
$22,500 TO $24,999	1669	1373
$25,000 TO $27,499	1348	1156
$27,500 TO $29,999	1103	939
$30,000 TO $34,999	1916	1738
$35,000 TO $39,999	1205	1048
$40,000 TO $49,999	1308	1168
$50,000 TO $74,999	1199	1071
$75,000 OR MORE	395	364
MEDIAN	$ 16253	$ 22294
MEAN	$ 20030	$ 25589

JONES

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	254	149
$2,500 TO $4,999	670	231
$5,000 TO $4,999	656	392
$7,500 TO $9,999	550	365
$10,000 TO $12,499	567	389
$12,500 TO $14,999	476	401
$15,000 TO $17,499	581	502
$17,500 TO $19,999	508	431
$20,000 TO $22,499	575	494
$22,500 TO $24,999	356	350
$25,000 TO $27,499	415	382
$27,500 TO $29,999	341	333
$30,000 TO $34,999	448	433
$35,000 TO $39,999	220	220
$40,000 TO $49,999	167	159
$50,000 TO $74,999	130	123
$75,000 OR MORE	35	35
MEDIAN	$ 16297	$ 19040
MEAN	$ 18089	$ 20569

KEOKUK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	259	102
$2,500 TO $4,999	603	218
$5,000 TO $4,999	356	224
$7,500 TO $9,999	488	333
$10,000 TO $12,499	560	451
$12,500 TO $14,999	431	351
$15,000 TO $17,499	480	384
$17,500 TO $19,999	324	288
$20,000 TO $22,499	285	268
$22,500 TO $24,999	186	168
$25,000 TO $27,499	211	209
$27,500 TO $29,999	106	104
$30,000 TO $34,999	212	203
$35,000 TO $39,999	109	107
$40,000 TO $49,999	115	105
$50,000 TO $74,999	121	108
$75,000 OR MORE	31	31
MEDIAN	$ 13501	$ 15964
MEAN	$ 16352	$ 18842

KOSSUTH

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	402	225
$2,500 TO $4,999	728	284
$5,000 TO $4,999	658	399
$7,500 TO $9,999	557	339
$10,000 TO $12,499	818	541
$12,500 TO $14,999	641	513
$15,000 TO $17,499	624	546
$17,500 TO $19,999	563	499
$20,000 TO $22,499	613	547
$22,500 TO $24,999	444	411
$25,000 TO $27,499	365	357
$27,500 TO $29,999	210	201
$30,000 TO $34,999	413	380
$35,000 TO $39,999	236	188
$40,000 TO $49,999	215	203
$50,000 TO $74,999	215	194
$75,000 OR MORE	92	92
MEDIAN	$ 15373	$ 18001
MEAN	$ 18227	$ 20611

LEE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	524	207
$2,500 TO $4,999	1387	346
$5,000 TO $4,999	1313	700
$7,500 TO $9,999	1196	714
$10,000 TO $12,499	1314	834
$12,500 TO $14,999	1149	841
$15,000 TO $17,499	1368	1068
$17,500 TO $19,999	1074	933
$20,000 TO $22,499	983	832
$22,500 TO $24,999	990	893
$25,000 TO $27,499	1010	931
$27,500 TO $29,999	644	599
$30,000 TO $34,999	846	813
$35,000 TO $39,999	630	622
$40,000 TO $49,999	555	533
$50,000 TO $74,999	363	328
$75,000 OR MORE	160	148
MEDIAN	$ 16590	$ 20084
MEAN	$ 19433	$ 22701

LINN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1737	725
$2,500 TO $4,999	3886	1109
$5,000 TO $4,999	3691	1496
$7,500 TO $9,999	3648	1913
$10,000 TO $12,499	4506	2460
$12,500 TO $14,999	4108	2744
$15,000 TO $17,499	4847	3360
$17,500 TO $19,999	4265	3274
$20,000 TO $22,499	5104	4205
$22,500 TO $24,999	4347	3727
$25,000 TO $27,499	4313	3830
$27,500 TO $29,999	3390	3079
$30,000 TO $34,999	5362	4916
$35,000 TO $39,999	3257	3021
$40,000 TO $49,999	2734	2481
$50,000 TO $74,999	1745	1574
$75,000 OR MORE	780	727
MEDIAN	$ 20084	$ 23194
MEAN	$ 22057	$ 25354

LOUISA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	181	89
$2,500 TO $4,999	338	127
$5,000 TO $4,999	347	225
$7,500 TO $9,999	340	233
$10,000 TO $12,499	316	248
$12,500 TO $14,999	323	269
$15,000 TO $17,499	401	339
$17,500 TO $19,999	343	305
$20,000 TO $22,499	345	295
$22,500 TO $24,999	257	249
$25,000 TO $27,499	224	213
$27,500 TO $29,999	162	151
$30,000 TO $34,999	252	237
$35,000 TO $39,999	162	162
$40,000 TO $49,999	117	103
$50,000 TO $74,999	90	89
$75,000 OR MORE	29	29
MEDIAN	$ 16674	$ 18742
MEAN	$ 18650	$ 20818

LUCAS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	271	122
$2,500 TO $4,999	520	178
$5,000 TO $4,999	428	235
$7,500 TO $9,999	463	327
$10,000 TO $12,499	433	345
$12,500 TO $14,999	276	215
$15,000 TO $17,499	372	325
$17,500 TO $19,999	218	201
$20,000 TO $22,499	208	199
$22,500 TO $24,999	190	174
$25,000 TO $27,499	220	218
$27,500 TO $29,999	170	159
$30,000 TO $34,999	99	98
$35,000 TO $39,999	72	72
$40,000 TO $49,999	54	49
$50,000 TO $74,999	64	64
$75,000 OR MORE	24	17
MEDIAN	$ 12073	$ 15592
MEAN	$ 14894	$ 17345

LYON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	279	170
$2,500 TO $4,999	417	126
$5,000 TO $4,999	468	273
$7,500 TO $9,999	373	247
$10,000 TO $12,499	382	286
$12,500 TO $14,999	352	289
$15,000 TO $17,499	434	390
$17,500 TO $19,999	323	281
$20,000 TO $22,499	362	338
$22,500 TO $24,999	198	192
$25,000 TO $27,499	202	188
$27,500 TO $29,999	134	134
$30,000 TO $34,999	119	119
$35,000 TO $39,999	73	70
$40,000 TO $49,999	164	152
$50,000 TO $74,999	129	129
$75,000 OR MORE	70	68
MEDIAN	$ 14776	$ 17147
MEAN	$ 17824	$ 20615

MADISON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	251	143
$2,500 TO $4,999	489	192
$5,000 TO $4,999	387	185
$7,500 TO $9,999	393	303
$10,000 TO $12,499	312	204
$12,500 TO $14,999	338	299
$15,000 TO $17,499	381	301
$17,500 TO $19,999	366	326
$20,000 TO $22,499	326	299
$22,500 TO $24,999	285	293
$25,000 TO $27,499	195	185
$27,500 TO $29,999	131	124
$30,000 TO $34,999	256	241
$35,000 TO $39,999	145	130
$40,000 TO $49,999	169	151
$50,000 TO $74,999	85	83
$75,000 OR MORE	11	6
MEDIAN	$ 15591	$ 18309
MEAN	$ 17469	$ 19696

MAHASKA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	421	234
$2,500 TO $4,999	942	294
$5,000 TO $4,999	839	473
$7,500 TO $9,999	757	490
$10,000 TO $12,499	826	633
$12,500 TO $14,999	753	638
$15,000 TO $17,499	872	704
$17,500 TO $19,999	617	551
$20,000 TO $22,499	608	561
$22,500 TO $24,999	407	395
$25,000 TO $27,499	370	331
$27,500 TO $29,999	264	260
$30,000 TO $34,999	353	337
$35,000 TO $39,999	153	146
$40,000 TO $49,999	211	197
$50,000 TO $74,999	165	150
$75,000 OR MORE	63	57
MEDIAN	$ 14245	$ 16681
MEAN	$ 16497	$ 19001

MARION

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	363	158
$2,500 TO $4,999	829	302
$5,000 TO $4,999	887	463
$7,500 TO $9,999	829	543
$10,000 TO $12,499	804	547
$12,500 TO $14,999	822	584
$15,000 TO $17,499	982	783
$17,500 TO $19,999	863	760
$20,000 TO $22,499	769	674
$22,500 TO $24,999	622	594
$25,000 TO $27,499	508	461
$27,500 TO $29,999	450	438
$30,000 TO $34,999	589	557
$35,000 TO $39,999	417	389
$40,000 TO $49,999	343	334
$50,000 TO $74,999	164	142
$75,000 OR MORE	44	38
MEDIAN	$ 16549	$ 19156
MEAN	$ 18432	$ 20889

income by households and families, Iowa counties, 1979 (continued)

MARSHALL

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	496	206
$2,500 TO $4,999	1102	259
$5,000 TO $4,999	1385	694
$7,500 TO $9,999	1092	658
$10,000 TO $12,499	1258	819
$12,500 TO $14,999	1024	688
$15,000 TO $17,499	1184	882
$17,500 TO $19,999	1269	1129
$20,000 TO $22,499	1283	1137
$22,500 TO $24,999	1012	870
$25,000 TO $27,499	955	875
$27,500 TO $29,999	666	576
$30,000 TO $34,999	1084	1004
$35,000 TO $39,999	586	560
$40,000 TO $49,999	567	524
$50,000 TO $74,999	357	336
$75,000 OR MORE	123	107
MEDIAN	$ 17856	$ 20719
MEAN	$ 20059	$ 22870

MILLS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	153	80
$2,500 TO $4,999	358	114
$5,000 TO $4,999	376	200
$7,500 TO $9,999	332	182
$10,000 TO $12,499	415	298
$12,500 TO $14,999	425	325
$15,000 TO $17,499	374	292
$17,500 TO $19,999	429	402
$20,000 TO $22,499	361	319
$22,500 TO $24,999	272	243
$25,000 TO $27,499	250	243
$27,500 TO $29,999	179	168
$30,000 TO $34,999	229	226
$35,000 TO $39,999	120	116
$40,000 TO $49,999	100	93
$50,000 TO $74,999	120	112
$75,000 OR MORE	61	45
MEDIAN	$ 16457	$ 18980
MEAN	$ 18957	$ 21357

MITCHELL

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	222	126
$2,500 TO $4,999	449	137
$5,000 TO $4,999	379	249
$7,500 TO $9,999	411	266
$10,000 TO $12,499	474	327
$12,500 TO $14,999	373	310
$15,000 TO $17,499	326	280
$17,500 TO $19,999	264	217
$20,000 TO $22,499	291	238
$22,500 TO $24,999	182	161
$25,000 TO $27,499	220	212
$27,500 TO $29,999	124	122
$30,000 TO $34,999	197	189
$35,000 TO $39,999	162	168
$40,000 TO $49,999	165	143
$50,000 TO $74,999	123	113
$75,000 OR MORE	100	83
MEDIAN	$ 14484	$ 17281
MEAN	$ 19150	$ 21654

MONONA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	295	176
$2,500 TO $4,999	532	175
$5,000 TO $4,999	436	290
$7,500 TO $9,999	404	276
$10,000 TO $12,499	438	331
$12,500 TO $14,999	392	322
$15,000 TO $17,499	499	435
$17,500 TO $19,999	306	264
$20,000 TO $22,499	279	245
$22,500 TO $24,999	150	148
$25,000 TO $27,499	148	150
$27,500 TO $29,999	123	105
$30,000 TO $34,999	150	141
$35,000 TO $39,999	135	123
$40,000 TO $49,999	91	88
$50,000 TO $74,999	75	65
$75,000 OR MORE	51	46
MEDIAN	$ 13438	$ 15690
MEAN	$ 15847	$ 18009

MONROE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	252	106
$2,500 TO $4,999	331	88
$5,000 TO $4,999	389	173
$7,500 TO $9,999	359	237
$10,000 TO $12,499	345	253
$12,500 TO $14,999	335	272
$15,000 TO $17,499	273	233
$17,500 TO $19,999	282	259
$20,000 TO $22,499	194	181
$22,500 TO $24,999	177	171
$25,000 TO $27,499	142	138
$27,500 TO $29,999	137	131
$30,000 TO $34,999	148	148
$35,000 TO $39,999	53	47
$40,000 TO $49,999	66	66
$50,000 TO $74,999	25	21
$75,000 OR MORE	29	29
MEDIAN	$ 13190	$ 16583
MEAN	$ 15668	$ 18747

MONTGOMERY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	174	78
$2,500 TO $4,999	570	139
$5,000 TO $4,999	464	222
$7,500 TO $9,999	469	291
$10,000 TO $12,499	603	435
$12,500 TO $14,999	398	301
$15,000 TO $17,499	464	392
$17,500 TO $19,999	341	300
$20,000 TO $22,499	411	393
$22,500 TO $24,999	307	287
$25,000 TO $27,499	231	212
$27,500 TO $29,999	200	194
$30,000 TO $34,999	309	283
$35,000 TO $39,999	135	135
$40,000 TO $49,999	159	159
$50,000 TO $74,999	23	17
$75,000 OR MORE	44	44
MEDIAN	$ 14830	$ 18192
MEAN	$ 17092	$ 20104

MUSCATINE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	594	299
$2,500 TO $4,999	1149	346
$5,000 TO $4,999	1087	596
$7,500 TO $9,999	939	613
$10,000 TO $12,499	1029	705
$12,500 TO $14,999	952	713
$15,000 TO $17,499	1068	871
$17,500 TO $19,999	1042	821
$20,000 TO $22,499	1119	965
$22,500 TO $24,999	886	801
$25,000 TO $27,499	707	619
$27,500 TO $29,999	682	623
$30,000 TO $34,999	1005	965
$35,000 TO $39,999	712	682
$40,000 TO $49,999	664	641
$50,000 TO $74,999	427	380
$75,000 OR MORE	189	180
MEDIAN	$ 18238	$ 21155
MEAN	$ 20677	$ 23577

O'BRIEN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	284	131
$2,500 TO $4,999	645	229
$5,000 TO $4,999	561	274
$7,500 TO $9,999	544	347
$10,000 TO $12,499	673	493
$12,500 TO $14,999	478	394
$15,000 TO $17,499	502	415
$17,500 TO $19,999	496	420
$20,000 TO $22,499	464	433
$22,500 TO $24,999	312	307
$25,000 TO $27,499	265	246
$27,500 TO $29,999	134	130
$30,000 TO $34,999	261	248
$35,000 TO $39,999	209	199
$40,000 TO $49,999	182	170
$50,000 TO $74,999	151	127
$75,000 OR MORE	101	93
MEDIAN	$ 14718	$ 17768
MEAN	$ 18024	$ 20831

OSCEOLA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	145	82
$2,500 TO $4,999	298	113
$5,000 TO $4,999	241	139
$7,500 TO $9,999	241	152
$10,000 TO $12,499	357	253
$12,500 TO $14,999	228	205
$15,000 TO $17,499	227	185
$17,500 TO $19,999	244	228
$20,000 TO $22,499	229	214
$22,500 TO $24,999	143	127
$25,000 TO $27,499	147	131
$27,500 TO $29,999	61	59
$30,000 TO $34,999	182	143
$35,000 TO $39,999	86	81
$40,000 TO $49,999	139	139
$50,000 TO $74,999	50	43
$75,000 OR MORE	43	43
MEDIAN	$ 15215	$ 17933
MEAN	$ 18237	$ 20625

PAGE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	419	181
$2,500 TO $4,999	755	227
$5,000 TO $4,999	717	332
$7,500 TO $9,999	685	447
$10,000 TO $12,499	662	419
$12,500 TO $14,999	799	606
$15,000 TO $17,499	570	474
$17,500 TO $19,999	604	552
$20,000 TO $22,499	453	441
$22,500 TO $24,999	351	313
$25,000 TO $27,499	315	288
$27,500 TO $29,999	150	150
$30,000 TO $34,999	340	333
$35,000 TO $39,999	193	173
$40,000 TO $49,999	142	129
$50,000 TO $74,999	84	84
$75,000 OR MORE	68	64
MEDIAN	$ 13805	$ 17081
MEAN	$ 16289	$ 19295

PALO ALTO

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	257	108
$2,500 TO $4,999	387	84
$5,000 TO $4,999	449	274
$7,500 TO $9,999	405	231
$10,000 TO $12,499	462	345
$12,500 TO $14,999	396	324
$15,000 TO $17,499	385	307
$17,500 TO $19,999	325	290
$20,000 TO $22,499	308	251
$22,500 TO $24,999	240	208
$25,000 TO $27,499	195	195
$27,500 TO $29,999	102	97
$30,000 TO $34,999	223	189
$35,000 TO $39,999	179	159
$40,000 TO $49,999	114	107
$50,000 TO $74,999	117	97
$75,000 OR MORE	38	36
MEDIAN	$ 14590	$ 17321
MEAN	$ 17573	$ 20283

PLYMOUTH

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	404	256
$2,500 TO $4,999	700	152
$5,000 TO $4,999	713	381
$7,500 TO $9,999	654	439
$10,000 TO $12,499	831	563
$12,500 TO $14,999	677	573
$15,000 TO $17,499	686	613
$17,500 TO $19,999	680	602
$20,000 TO $22,499	592	521
$22,500 TO $24,999	504	490
$25,000 TO $27,499	380	337
$27,500 TO $29,999	320	298
$30,000 TO $34,999	345	323
$35,000 TO $39,999	240	231
$40,000 TO $49,999	311	308
$50,000 TO $74,999	278	245
$75,000 OR MORE	131	119
MEDIAN	$ 15889	$ 18532
MEAN	$ 19379	$ 22141

POCAHONTAS

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	193	98
$2,500 TO $4,999	429	113
$5,000 TO $4,999	346	203
$7,500 TO $9,999	323	206
$10,000 TO $12,499	462	345
$12,500 TO $14,999	427	318
$15,000 TO $17,499	359	291
$17,500 TO $19,999	258	216
$20,000 TO $22,499	270	255
$22,500 TO $24,999	241	203
$25,000 TO $27,499	195	189
$27,500 TO $29,999	104	91
$30,000 TO $34,999	185	162
$35,000 TO $39,999	119	109
$40,000 TO $49,999	126	126
$50,000 TO $74,999	127	123
$75,000 OR MORE	63	63
MEDIAN	$ 14611	$ 17341
MEAN	$ 18443	$ 21536

POLK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	3413	1327
$2,500 TO $4,999	7841	2229
$5,000 TO $4,999	8126	3568
$7,500 TO $9,999	8090	4077
$10,000 TO $12,499	8757	4787
$12,500 TO $14,999	7865	5049
$15,000 TO $17,499	8986	5864
$17,500 TO $19,999	7776	5803
$20,000 TO $22,499	8964	7015
$22,500 TO $24,999	7306	6182
$25,000 TO $27,499	6890	5881
$27,500 TO $29,999	5280	4663
$30,000 TO $34,999	8491	7675
$35,000 TO $39,999	5533	5135
$40,000 TO $49,999	5758	5224
$50,000 TO $74,999	3834	3528
$75,000 OR MORE	2070	1851
MEDIAN	$ 18918	$ 22585
MEAN	$ 22066	$ 25865

POTTAWATTAMIE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1087	524
$2,500 TO $4,999	2544	852
$5,000 TO $4,999	2592	1438
$7,500 TO $9,999	2373	1511
$10,000 TO $12,499	2673	1863
$12,500 TO $14,999	2083	1617
$15,000 TO $17,499	2539	1996
$17,500 TO $19,999	2251	1952
$20,000 TO $22,499	2451	2178
$22,500 TO $24,999	1769	1640
$25,000 TO $27,499	1808	1689
$27,500 TO $29,999	1325	1197
$30,000 TO $34,999	1977	1881
$35,000 TO $39,999	1087	1037
$40,000 TO $49,999	1214	1177
$50,000 TO $74,999	655	622
$75,000 OR MORE	196	181
MEDIAN	$ 16930	$ 19903
MEAN	$ 19105	$ 21779

POWESHIEK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	336	201
$2,500 TO $4,999	592	189
$5,000 TO $4,999	614	304
$7,500 TO $9,999	566	361
$10,000 TO $12,499	576	392
$12,500 TO $14,999	576	464
$15,000 TO $17,499	742	577
$17,500 TO $19,999	457	411
$20,000 TO $22,499	491	428
$22,500 TO $24,999	384	352
$25,000 TO $27,499	363	324
$27,500 TO $29,999	270	264
$30,000 TO $34,999	354	319
$35,000 TO $39,999	207	198
$40,000 TO $49,999	162	156
$50,000 TO $74,999	95	85
$75,000 OR MORE	71	69
MEDIAN	$ 15566	$ 17859
MEAN	$ 17854	$ 20443

income by households and families, Iowa counties, 1979 (continued)

RINGGOLD

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	230	136
$2,500 TO $4,999	379	165
$5,000 TO $4,999	350	249
$7,500 TO $9,999	234	182
$10,000 TO $12,499	222	160
$12,500 TO $14,999	175	144
$15,000 TO $17,499	176	146
$17,500 TO $19,999	109	92
$20,000 TO $22,499	140	140
$22,500 TO $24,999	69	67
$25,000 TO $27,499	61	61
$27,500 TO $29,999	40	35
$30,000 TO $34,999	74	66
$35,000 TO $39,999	36	36
$40,000 TO $49,999	37	39
$50,000 TO $74,999	32	28
$75,000 OR MORE	24	24
MEDIAN	$ 10011	$ 12391
MEAN	$ 13395	$ 15579

SAC

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	242	117
$2,500 TO $4,999	473	140
$5,000 TO $4,999	430	223
$7,500 TO $9,999	407	282
$10,000 TO $12,499	644	429
$12,500 TO $14,999	503	406
$15,000 TO $17,499	499	442
$17,500 TO $19,999	365	347
$20,000 TO $22,499	422	362
$22,500 TO $24,999	281	244
$25,000 TO $27,499	238	204
$27,500 TO $29,999	140	120
$30,000 TO $34,999	195	192
$35,000 TO $39,999	105	103
$40,000 TO $49,999	175	175
$50,000 TO $74,999	148	134
$75,000 OR MORE	43	43
MEDIAN	$ 14781	$ 17175
MEAN	$ 17700	$ 20368

SCOTT

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1674	742
$2,500 TO $4,999	3380	1140
$5,000 TO $4,999	3455	1595
$7,500 TO $9,999	3611	2063
$10,000 TO $12,499	3817	2298
$12,500 TO $14,999	3321	2086
$15,000 TO $17,499	3830	2685
$17,500 TO $19,999	3953	2993
$20,000 TO $22,499	4468	3629
$22,500 TO $24,999	3862	3372
$25,000 TO $27,499	3833	3349
$27,500 TO $29,999	3072	2680
$30,000 TO $34,999	4930	4446
$35,000 TO $39,999	3444	3220
$40,000 TO $49,999	3497	3254
$50,000 TO $74,999	1952	1785
$75,000 OR MORE	724	663
MEDIAN	$ 20767	$ 23812
MEAN	$ 23031	$ 26136

SHELBY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	256	165
$2,500 TO $4,999	410	158
$5,000 TO $4,999	484	236
$7,500 TO $9,999	359	212
$10,000 TO $12,499	487	355
$12,500 TO $14,999	558	454
$15,000 TO $17,499	496	408
$17,500 TO $19,999	388	367
$20,000 TO $22,499	370	349
$22,500 TO $24,999	288	284
$25,000 TO $27,499	204	181
$27,500 TO $29,999	195	169
$30,000 TO $34,999	209	190
$35,000 TO $39,999	156	156
$40,000 TO $49,999	120	118
$50,000 TO $74,999	153	151
$75,000 OR MORE	60	54
MEDIAN	$ 15214	$ 17606
MEAN	$ 18053	$ 20470

SIOUX

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	411	234
$2,500 TO $4,999	790	245
$5,000 TO $4,999	686	390
$7,500 TO $9,999	757	444
$10,000 TO $12,499	1023	728
$12,500 TO $14,999	811	685
$15,000 TO $17,499	1053	974
$17,500 TO $19,999	924	811
$20,000 TO $22,499	853	783
$22,500 TO $24,999	463	439
$25,000 TO $27,499	491	458
$27,500 TO $29,999	326	295
$30,000 TO $34,999	409	394
$35,000 TO $39,999	289	268
$40,000 TO $49,999	303	281
$50,000 TO $74,999	254	249
$75,000 OR MORE	93	90
MEDIAN	$ 16163	$ 18067
MEAN	$ 18474	$ 20843

STORY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	983	307
$2,500 TO $4,999	1765	445
$5,000 TO $4,999	1883	740
$7,500 TO $9,999	2019	855
$10,000 TO $12,499	2056	1165
$12,500 TO $14,999	1642	1056
$15,000 TO $17,499	1845	1280
$17,500 TO $19,999	1529	1136
$20,000 TO $22,499	1586	1335
$22,500 TO $24,999	1477	1174
$25,000 TO $27,499	1217	1068
$27,500 TO $29,999	1115	997
$30,000 TO $34,999	1673	1527
$35,000 TO $39,999	896	824
$40,000 TO $49,999	1065	1012
$50,000 TO $74,999	686	636
$75,000 OR MORE	220	204
MEDIAN	$ 17006	$ 21679
MEAN	$ 20063	$ 24330

TAMA

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	317	124
$2,500 TO $4,999	727	249
$5,000 TO $4,999	581	361
$7,500 TO $9,999	540	358
$10,000 TO $12,499	681	495
$12,500 TO $14,999	580	490
$15,000 TO $17,499	589	518
$17,500 TO $19,999	518	440
$20,000 TO $22,499	561	515
$22,500 TO $24,999	406	372
$25,000 TO $27,499	399	365
$27,500 TO $29,999	259	250
$30,000 TO $34,999	389	258
$35,000 TO $39,999	174	172
$40,000 TO $49,999	194	192
$50,000 TO $74,999	98	98
$75,000 OR MORE	50	40
MEDIAN	$ 15448	$ 18088
MEAN	$ 17503	$ 20044

TAYLOR

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	234	150
$2,500 TO $4,999	451	164
$5,000 TO $4,999	402	252
$7,500 TO $9,999	325	215
$10,000 TO $12,499	307	244
$12,500 TO $14,999	356	315
$15,000 TO $17,499	227	216
$17,500 TO $19,999	173	158
$20,000 TO $22,499	160	139
$22,500 TO $24,999	149	130
$25,000 TO $27,499	110	108
$27,500 TO $29,999	63	55
$30,000 TO $34,999	108	90
$35,000 TO $39,999	76	68
$40,000 TO $49,999	46	44
$50,000 TO $74,999	45	41
$75,000 OR MORE	21	17
MEDIAN	$ 11747	$ 13913
MEAN	$ 14111	$ 15987

UNION

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	313	140
$2,500 TO $4,999	644	193
$5,000 TO $4,999	549	295
$7,500 TO $9,999	407	238
$10,000 TO $12,499	483	379
$12,500 TO $14,999	561	459
$15,000 TO $17,499	412	334
$17,500 TO $19,999	325	264
$20,000 TO $22,499	425	373
$22,500 TO $24,999	249	232
$25,000 TO $27,499	175	168
$27,500 TO $29,999	175	159
$30,000 TO $34,999	246	228
$35,000 TO $39,999	166	166
$40,000 TO $49,999	101	89
$50,000 TO $74,999	60	58
$75,000 OR MORE	22	20
MEDIAN	$ 13661	$ 16445
MEAN	$ 15992	$ 18878

VAN BUREN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	276	159
$2,500 TO $4,999	418	148
$5,000 TO $4,999	373	263
$7,500 TO $9,999	336	256
$10,000 TO $12,499	294	227
$12,500 TO $14,999	260	215
$15,000 TO $17,499	237	216
$17,500 TO $19,999	237	200
$20,000 TO $22,499	193	186
$22,500 TO $24,999	127	120
$25,000 TO $27,499	92	86
$27,500 TO $29,999	81	83
$30,000 TO $34,999	76	59
$35,000 TO $39,999	64	61
$40,000 TO $49,999	70	70
$50,000 TO $74,999	32	32
$75,000 OR MORE	9	9
MEDIAN	$ 11569	$ 14151
MEAN	$ 13873	$ 16047

WAPELLO

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	572	253
$2,500 TO $4,999	1631	358
$5,000 TO $4,999	1523	783
$7,500 TO $9,999	1418	984
$10,000 TO $12,499	1304	1038
$12,500 TO $14,999	1281	1016
$15,000 TO $17,499	1254	1050
$17,500 TO $19,999	1035	873
$20,000 TO $22,499	1117	950
$22,500 TO $24,999	832	787
$25,000 TO $27,499	771	711
$27,500 TO $29,999	556	529
$30,000 TO $34,999	837	800
$35,000 TO $39,999	433	404
$40,000 TO $49,999	383	364
$50,000 TO $74,999	298	265
$75,000 OR MORE	126	121
MEDIAN	$ 14915	$ 17961
MEAN	$ 17817	$ 20655

WARREN

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	404	205
$2,500 TO $4,999	563	174
$5,000 TO $4,999	876	497
$7,500 TO $9,999	749	487
$10,000 TO $12,499	731	558
$12,500 TO $14,999	730	550
$15,000 TO $17,499	901	809
$17,500 TO $19,999	796	727
$20,000 TO $22,499	900	799
$22,500 TO $24,999	990	921
$25,000 TO $27,499	936	887
$27,500 TO $29,999	698	653
$30,000 TO $34,999	857	807
$35,000 TO $39,999	566	550
$40,000 TO $49,999	575	540
$50,000 TO $74,999	228	228
$75,000 OR MORE	63	53
MEDIAN	$ 20087	$ 22239
MEAN	$ 21016	$ 23163

WASHINGTON

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	344	184
$2,500 TO $4,999	629	247
$5,000 TO $4,999	665	356
$7,500 TO $9,999	635	407
$10,000 TO $12,499	757	542
$12,500 TO $14,999	577	466
$15,000 TO $17,499	497	419
$17,500 TO $19,999	536	441
$20,000 TO $22,499	481	438
$22,500 TO $24,999	409	389
$25,000 TO $27,499	395	372
$27,500 TO $29,999	246	241
$30,000 TO $34,999	333	319
$35,000 TO $39,999	219	197
$40,000 TO $49,999	230	218
$50,000 TO $74,999	208	183
$75,000 OR MORE	70	64
MEDIAN	$ 15043	$ 18183
MEAN	$ 18222	$ 20706

WAYNE

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	766	154
$2,500 TO $4,999	487	180
$5,000 TO $4,999	437	271
$7,500 TO $9,999	343	238
$10,000 TO $12,499	406	334
$12,500 TO $14,999	270	213
$15,000 TO $17,499	236	224
$17,500 TO $19,999	219	213
$20,000 TO $22,499	186	182
$22,500 TO $24,999	146	128
$25,000 TO $27,499	49	49
$27,500 TO $29,999	28	26
$30,000 TO $34,999	94	92
$35,000 TO $39,999	57	57
$40,000 TO $49,999	58	55
$50,000 TO $74,999	22	22
$75,000 OR MORE	31	23
MEDIAN	$ 10828	$ 13128
MEAN	$ 13383	$ 15565

WEBSTER

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	515	221
$2,500 TO $4,999	1562	463
$5,000 TO $4,999	1483	739
$7,500 TO $9,999	1433	846
$10,000 TO $12,499	1472	932
$12,500 TO $14,999	1199	840
$15,000 TO $17,499	1438	1097
$17,500 TO $19,999	1103	971
$20,000 TO $22,499	1259	1099
$22,500 TO $24,999	951	827
$25,000 TO $27,499	891	811
$27,500 TO $29,999	629	600
$30,000 TO $34,999	1099	1029
$35,000 TO $39,999	612	573
$40,000 TO $49,999	634	600
$50,000 TO $74,999	418	363
$75,000 OR MORE	205	192
MEDIAN	$ 16369	$ 19981
MEAN	$ 19232	$ 22381

WINNEBAGO

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	167	77
$2,500 TO $4,999	394	110
$5,000 TO $4,999	481	233
$7,500 TO $9,999	424	253
$10,000 TO $12,499	526	357
$12,500 TO $14,999	474	367
$15,000 TO $17,499	504	381
$17,500 TO $19,999	314	273
$20,000 TO $22,499	367	349
$22,500 TO $24,999	289	254
$25,000 TO $27,499	213	199
$27,500 TO $29,999	147	138
$30,000 TO $34,999	259	248
$35,000 TO $39,999	57	55
$40,000 TO $49,999	118	110
$50,000 TO $74,999	111	108
$75,000 OR MORE	39	39
MEDIAN	$ 14873	$ 17484
MEAN	$ 17343	$ 20173

income by households and families, Iowa counties, 1979 (continued)

WINNISHIEK

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	310	163
$2,500 TO $4,999	712	226
$5,000 TO $4,999	778	414
$7,500 TO $9,999	730	509
$10,000 TO $12,499	683	512
$12,500 TO $14,999	629	529
$15,000 TO $17,499	475	410
$17,500 TO $19,999	432	370
$20,000 TO $22,499	480	447
$22,500 TO $24,999	430	389
$25,000 TO $27,499	272	263
$27,500 TO $29,999	178	166
$30,000 TO $34,999	320	303
$35,000 TO $39,999	226	208
$40,000 TO $49,999	177	171
$50,000 TO $74,999	168	162
$75,000 OR MORE	49	47
MEDIAN	$ 13718	$ 16777
MEAN	$ 17012	$ 19733

WOODBURY

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	1558	725
$2,500 TO $4,999	3503	1243
$5,000 TO $4,999	3505	1811
$7,500 TO $9,999	3017	1769
$10,000 TO $12,499	2852	1884
$12,500 TO $14,999	2689	1986
$15,000 TO $17,499	2965	2497
$17,500 TO $19,999	2718	2275
$20,000 TO $22,499	2620	2351
$22,500 TO $24,999	2108	1868
$25,000 TO $27,499	1977	1823
$27,500 TO $29,999	1463	1362
$30,000 TO $34,999	2040	1881
$35,000 TO $39,999	1267	1224
$40,000 TO $49,999	1094	1015
$50,000 TO $74,999	902	826
$75,000 OR MORE	471	425
MEDIAN	$ 16054	$ 19223
MEAN	$ 18825	$ 21816

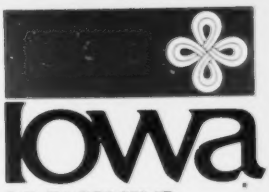
WORTH

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	112	42
$2,500 TO $4,999	251	69
$5,000 TO $4,999	346	173
$7,500 TO $9,999	288	188
$10,000 TO $12,499	323	219
$12,500 TO $14,999	343	243
$15,000 TO $17,499	298	247
$17,500 TO $19,999	302	281
$20,000 TO $22,499	238	220
$22,500 TO $24,999	199	173
$25,000 TO $27,499	169	159
$27,500 TO $29,999	97	93
$30,000 TO $34,999	184	165
$35,000 TO $39,999	113	99
$40,000 TO $49,999	120	122
$50,000 TO $74,999	73	64
$75,000 OR MORE	17	13
MEDIAN	$ 15617	$ 18425
MEAN	$ 18549	$ 20739

WRIGHT

	HOUSEHOLDS	FAMILIES
LESS THAN $2,500	263	118
$2,500 TO $4,999	586	141
$5,000 TO $4,999	487	281
$7,500 TO $9,999	500	320
$10,000 TO $12,499	555	390
$12,500 TO $14,999	560	411
$15,000 TO $17,499	553	467
$17,500 TO $19,999	435	376
$20,000 TO $22,499	376	336
$22,500 TO $24,999	292	279
$25,000 TO $27,499	384	322
$27,500 TO $29,999	201	186
$30,000 TO $34,999	327	313
$35,000 TO $39,999	188	184
$40,000 TO $49,999	208	192
$50,000 TO $74,999	177	175
$75,000 OR MORE	90	77
MEDIAN	$ 15633	$ 18537
MEAN	$ 18915	$ 21917

1. Households include all unrelated individuals residing together.
Source: 1980 Census of Population Housing, STEP 2, Iowa; U.S. Department of Commerce, Bureau of the Census.



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